DOCUMENT RESUME

ED 132 279 CE 008 451

AUTHOR Lambert, Roger H.; And Others
TITLE A Bibliography of Free Loan Materials for Agriculture Education. Vocational Education Resource Materials.
INSTITUTION Wisconsin Univ., Madison. Wisconsin Vocational Studies Center.
SPONS AGENCY Wisconsin State Board of Vocational, Technical, and Adult Education, Madison.; Wisconsin State Dept. of Public Instruction, Madison. Bureau for Career and Manpower Development.
PUB DATE 76
NOTE 40p.

EDRS PRICE MF-$0.83 HC-$2.06 Plus Postage.
DESCRIPTORS *Agricultural Education; *Annotated Bibliographies; Curriculum Guides; Resource Materials; *Vocational Education

ABSTRACT

This bibliography, part of the Vocational Education Resource Materials system, is designed to: (1) Encourage and support curriculum development and instructional activities in vocational education and career development through collection and dissemination of appropriate materials, (2) supplement and complement efforts of the (Wisconsin) State Educational Agency staff and School District personnel by identifying needed resources for use in instructional workshops and with other developmental activities, and (3) encourage use of resource materials and services in all appropriate programs of teacher education and staff development (pre-service as well as in-service), and in classroom implementation. Each entry includes a call number, title, series note (not always used), edition statement (not always used), author(s), publisher's name, publisher's address (for ordering purposes), date of publication, pagination, price, grade level (when applicable), and an annotation. Information about the Vocational Education Resource Materials system, and a materials index are included. (SH)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

ED132279

VOCATIONAL EDUCATION RESOURCE MATERIALS

A BIBLIOGRAPHY OF FREE LOAN MATERIALS FOR

Agriculture Education

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Third Edition 1976

Wisconsin Vocational Studies Center
University of Wisconsin-Madison

CE 001 451

FREE LOAN INSTRUCTIONS
VOCATIONAL EDUCATION RESOURCE MATERIAL COLLECTION

VOCATIONAL EDUCATORS, STUDENTS AND OTHERS throughout Wisconsin are eligible to borrow materials listed in this bibliography. There are no fees charged for using materials from the Resource Materials Collection.

Managed and staffed by personnel of the Wisconsin Vocational Studies Center and the Educational Instructional Materials Center, University of Wisconsin-Madison, the collection is supported by funds from the Bureau of Career and Manpower Development, Department of Public Instruction, and the Wisconsin Board of Vocational, Technical and Adult Education.

HERE'S WHAT YOU DO:

1. Choose materials you would like to borrow.
2. Write the item order numbers on the borrower's card printed on the back cover of this bibliography.
3. Please print or type.
4. If you want materials not listed in the bibliography, please tell us the title, originator, and/or the specific subject. We'll try to get it for you.
5. Mail all requests and inquiries to:

   Wisconsin Vocational Studies Center
   Box 49, 321 Education Building
   University of Wisconsin
   Madison, Wisconsin 53706

HERE'S WHAT WE DO:

1. We'll send the materials you request (if not already on loan.)
2. We'll send materials in an envelope or package you can use to return the materials.
3. Along with the materials, you'll receive:

   ✓ a return mailing label
   ✓ a new order card
   ✓ a list of simple instructions.

4. We'll enclose a notice of the date by which the materials must be mailed back to us. Please be sure your name is with your returned materials.
5. Materials will be mailed from and MUST BE RETURNED TO:

   The address which is printed on the Return Mailing Label enclosed with the materials.

SAMPLE REQUEST CARD

PLEASE PRINT OR TYPE

YOUR NAME James Smith DATE April 6, 1976

SCHOOL OR AGENCY Madison West High School

ADDRESS 30 Ash Street, Madison, Wi 53705

PHONE (608) 238-0291 DATES WANTED: May 15 thru May 30

ITEM ORDER NUMBERS

M-60	M-84	M-42

NOTE: MATERIALS LISTED IN BIBLIOGRAPHIES ARE FOR LOAN ONLY.

A BIBLIOGRAPHY OF FREE LOAN MATERIALS FOR

Agriculture Education

Roger H. Lambert
Geraldine E. Strey
Chris M. Olson

Third Edition 1976

Wisconsin Vocational Studies Center
University of Wisconsin-Madison

SUPPORTING STAFF AND AGENCIES
VOCATIONAL EDUCATION RESOURCE MATERIALS COLLECTION

Roger Lambert	Project Director and Associate Director, Wisconsin Vocational Studies Center
Geraldine Strey	Librarian, Vocational Education Resource Materials Center
Chris Olson	Project Assistant, Vocational Resource and Instructional Materials Identification and Collection for the Disadvantaged
Gail Jobelius	Secretary and Circulation Assistant, Vocational Educatior Resource Materials Center

PROGRAM AREA CONSULTANTS

Agricultural Education	Walter Bjoraker, Professor UW-Madison John Thompson, Professor UW-Madison Cletus Fontaine, Consultant WBVTAE Floyd Doering, Consultant DPI Virgil Martinson, Consultant DPI Arnold Cordes, Consultant DPI
Business Education	Russell Hosler, Professor UW-Madison James Urness, Consultant WBVTAE Donald Zahn, Consultant DPI
Distributive Education	Harland Samson, Professor UW-Madison Walter Chojnowski, Consultant WBVTAE Wayne Harrison, Jr., Consultant DPI
Career Education	Phil Perrone, Professor UW-Madison Lorran Celley, Consultant WBVTAE Bruce McConnell, Consultant WBVTAE Robert Meyer, Consultant DPI
Health Occupations	Margaret Strauss, Consultant DPI Joan Johnston, Special Project Consultant DPI Marion Franken, Specialist WVSC
Home Economics Education	Beatrice Petrich, Associate Professor UW-Madison Lois Hughes, Assistant Professor UW-Madison Helen Scheve, Consultant WBVTAE Elaine Staaland, Consultant DPI
Trade and Industrial Education	Merle Strong, Professor UW-Madison Arnold Potthast, Chief, T&I Education, WBVTAE Richard Kitzmann, Consultant DPI
Handicapped and Special Education	Lloyd Tindall, Program Associate, WVSC John Gugerty, Specialist, WVSC Harlan Klintworth, Consultant WBVTAE Preston Smeltzer, Consultant DPI James Urness, Consultant WBVTAE
Research and Development in Vocational Education	Roger Lambert, Associate Director WVSC

FUNDING

Wisconsin Department of Public Instruction, Bureau of Career and Manpower Development	Barbara Thompson, State Superintendant Ruel Falk, Director Donald Zahn, Liason
Wisconsin Board of Vocational, Technical and Adult Education	Eugene Lehrmann, State Director Cliff Zenor, Liason

COOPERATING AND ADVISORY AGENCIES

Local Wisconsin High Schools	Local Wisconsin VTAE Districts
Local Vocational Education Coordinators	Field Service Committee, VTAE
Instructional Services Committee, VTAE	Local Wisconsin High School Teachers

TABLE OF CONTENTS

SUPPORTING STAFF AND AGENCIES i

EXPLANATION OF BIBLIOGRAPHIES AND FREE LOAN SYSTEM ii

01.00.00 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL 1

01.01 AGRICULTURAL PRODUCTION 4

01.01.01 ANIMAL SCIENCE 4

01.01.02 PLANT SCIENCE 7

01.01.04 FARM BUSINESS MANAGEMENT 10

01.02 AGRICULTURAL SUPPLIES/SERVICES 12

01.03 AGRICULTURAL MECHANICS 13

01.03.01 AGRICULTURAL POWER AND MACHINERY 15

01.03.02 AGRICULTURAL STRUCTURES AND CONVENIENCES 17

01.03.03 SOIL MANAGEMENT 17

01.03.04 WATER MANAGEMENT 17

01.03.05 AGRICULTURAL MECHANICS SKILLS 18

01.03.06 AGRICULTURAL CONSTRUCTION AND MAINTENANCE 18

01.03.07 AGRICULTURAL ELECTRIFICATION 19

01.04 AGRICULTURAL PRODUCTS 19

01.05 ORNAMENTAL HORTICULTURE 21

01.05.01 ARBORICULTURE 22

01.05.02 FLORICULTURE 22

01.05.03 GREENHOUSE OPERATION AND MANAGEMENT . . 22

01.05.04 LANDSCAPING 23

01.05.06 TURF MANAGEMENT 23

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION AND SERVICES) 23

01.06.03 SOIL 25

01.06.04 WILDLIFE (INCLUDING GAME FARMS AND HUNTING AREAS) 26

01.06.05 WATER 26

01.06.06 AIR 26

01.06.07 FISH (INCLUDING FARMS AND HATCHERIES) . 26

01.06.08 RANGE 26

01.07 FORESTRY (PRODUCTION, PROCESSING, MANAGING, MARKETING AND SERVICES) 26

01.99.01 AGRICULTURE, OTHER 27

DISADVANTAGED RELATED MATERIALS 30

Entries in the bibliography represent an attempt to describe individual items as completely and accurately as possible. The following example identifies the parts of a typical entry.

G-291[1] MATHEMATICS FOR THE SLOW LEARNER.[2] Research report no. 32-A.[3] 1st ed.[4] By Emma Brown and Max Witowski.[5] Deseret Publishing House,[6] 1824 Locust St. South, Salt Lake City, UT 84110;[7] 1974.[8] 329 p.[9] $19.95.[10] Middle school level.[11] "Designed for the culturally and socially disadvantaged student."[12]

1. call number
2. title
3. series note (not always used)
4. edition statement (not always used)
5. author(s)
6. publisher's name
7. publisher's address
8. date of publication (variations: 1973? Almost certainly published in that year; 197-. Published in that decade)
9. pagination
10. price (if price is unknown, left blank)
11. grade level (indicated only when grade level is not apparent from title and only on items added to collection after January 1, 1976)
12. annotation (not always used; when in quotes, a direct quotation from the publication)

ABBREVIATIONS USED IN CATALOGING

b and w black and white; col. colored
comp. compiler(s); ed. edition or editor(s)
et al. and others; l. leaves
mm millimeter; n.d. no date
n.p. no place; p. pages
rev. revised; v. volume(s)

EXPLANATION OF BIBLIOGRAPHIES AND FREE LOAN SYSTEM

WISCONSIN VOCATIONAL STUDIES CENTER

UNIVERSITY OF WISCONSIN-MADISON

PURPOSE - The Vocational Education Resource Materials system has been designed to:

1. Encourage and support curriculum development and instructional activities in vocational education and career development throughout the state through collection and dissemination of appropriate materials on a free loan basis;
2. supplement and complement efforts of State Educational Agency staff and School District personnel by identifying needed resources for use in instructional workshops and with other developmental activities; and
3. encourage use of resource materials and services in all appropriate programs of teacher education and staff development (pre-service as well as in-service), and in classroom implementation.

AREAS - Bibliographies exist for each of the following vocational education areas: 1)Agriculture, 2)Business Education, 3)Career Education, 4)Distributive Education, 5)Handicapped and Special Education, 6)Health Occupations 7)Home Economics, 8)Industrial Education, and 9)Research and Development.

USES - Potential uses for the Bibliographies and the materials borrowed through the system include workshops, student and teacher references, identification of curriculum aids, undergraduate and graduate student references, administrative planning, identification of materials for purchase, and other classroom or instructional uses.

LOAN PROCEDURES - Order forms are enclosed at the end of each bibliography and may be reproduced locally. Anyone wishing to borrow materials can do so by simply stating the item order numbers of the materials desired. Requests will be filled by mail on a first-come, first-served basis. In addition to mail requests, materials are available for examination and loan at the School of Education IMC, located in the Teacher Education Building, 225 N. Mills Street, Madison, WI 53706.

SOURCES OF MATERIALS AND FUNDS - The development of the Bibliographies and free loan system has been made possible through a grant from the Bureau of Career and Manpower Development, Wisconsin Department of Public Instruction, and the cooperation of the Wisconsin Board of Vocational, Technical and Adult Education.

CONTRIBUTION OF MATERIALS - Materials have been identified from throughout the United States. Materials collected as part of the on-going operation of the Wisconsin Vocational Studies Center have been included, as have many items contributed by various departments on the Madison campus and teachers throughout the state. You may wish to contribute items which you have developed in your school. If so, send them or the title and publisher to the Wisconsin Vocational Studies Center. Your suggestions are welcome too.

MATERIALS NOT INCLUDED - the bibliography does not attempt to include materials listed in readily available catalogues produced by commercial sources, government agencies or other agencies which normally supply their lists to teachers. However, some duplications may exist, but attempts have been made to avoid duplicating the ERIC, AIM, ARM, CIJE and other material lists.

DISTRIBUTION OF BIBLIOGRAPHIES - Bibliographies are distributed free to vocational and other selected educators in Wisconsin. Persons out of state or others may purchase the bibliography. Only the bibliography appropriate to the field in which the person works is supplied to an individual. Complete sets of all 9 areas are available through LVEC's at the secondary level and through the Learning Resource Centers and Division Chairmen at the post-secondary level.

PURCHASE PROCEDURE - Items may be purchased, when available, from the supplier or publisher listed in each bibliographic entry. No purchases may be made through the Center.

CODING SYSTEM - A coding system has been designed to facilitate cataloging of materials. The system incorporates Office of Education program code numbers and ERIC identification group numbers and terms. This system allows for a categorical breakdown within each program area.

UPDATES - Periodic update of bibliographies will be made as materials are added to the collection. Updates will be by program area addenda until such time as printing of an entirely new bibliography is warranted.

COMPUTERIZED INFORMATION RETRIEVAL SYSTEM - A computerized information retrieval system which accesses ERIC, AIM, ARM, and CIJE is in operation through the Wisconsin Department of Public Instruction (WIRE) and through local VTAE Districts. The computerized system will identify materials and print out titles as well as abstracts. For more information, contact the above agencies or the Wisconsin Vocational Studies Center, University of Wisconsin-Madison. The Computerized Information Retrieval System supplements the bibliography presented here.

REGIONAL CURRICULUM LABORATORY ASSOCIATION - The Center maintains contact with the Regional Curriculum Laboratory for Vocational Education located at Springfield, Illinois, through the Department of Public Instruction and the Wisconsin Board of Vocational, Technical and Adult Education. The Regional Lab provides a backup source of materials as well as a contact for information about new materials being developed throughout the nation. For searches for materials, contact the Wisconsin Vocational Studies Center, University of Wisconsin-Madison or Mr. Cliff Zenor at the Wisconsin Board of Vocational, Technical and Adult Education or Mr. Donald Zahn at the Wisconsin Department of Public Instruction.

SPECIAL SUBJECT AREA LISTINGS - Certain subject areas represented in the bibliographies cut across several program areas; thus it is advisable to look at bibliographies for other program areas as well as your own. In some cases this cross referencing has been done by the Center staff for someone else. If you have a particular need for information which cuts across service areas, such as cooperative education, metric education, work experience, evaluation, etc., you can check with the project staff to see if it has already been completed. A copy will be mailed to you if it is already available; if not, and staff time permits, we will search the collection and compile the list for you.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 020 ADMINISTRATION

A-1 ORGANIZING A DEPARTMENT AND PLANNING A PROGRAM OF VOCATIONAL AGRICULTURE. By Claude E. Richard. Department of Vocational Education, Virginia Polytechnic Institute, Blacksburg, VA. 24061; 1956. 100 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 050 AUDIO-VISUAL MATERIALS AND METHODS

A-488 OVERHEAD PROJECTION: TRANSPARENCY MASTERS FOR VOCATIONAL AGRICULTURE. By Charles W. Morrison and Charles V. Chambers. n.p., n.d.

A-490 OVERHEAD PROJECTION: TRANSPARENCY MASTERS FOR VOCATIONAL AGRICULTURE, SUPPLEMENT II. By Charles W. Morrison. Agricultural Education, 130 South Capitol Street, Santa Fe, NM 87501; n.d. 60 p.

A-491 OVERHEAD PROJECTION: TRANSPARENCY MASTERS FOR VOCATIONAL AGRICULTURE, SUPPLEMENT III. By Charles W. Morrison and Charles V. Chambers. Agricultural Education, 130 South Capitol Street, Santa Fe, NM 87501; n.d. 60 p.

A-614 HANDBOOK OF AGRICULTURAL CHARTS. Agriculture handbook no. 477. US Dept. of Agriculture, Washington, DC 20250; 1974. 164 p. All charts in book are available as photo prints or color slides.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 070 BIOLOGY

A-2 AGRICULTURE'S CONTRIBUTION TO PROGRESS; Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; 1973. 11 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 110 CURRICULUM

A-3 A GUIDE FOR TEACHING BASIC AGRICULTURE. Jasper S. Lee, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 30 p.

A-4 A GUIDE FOR PLANNING INSTRUCTION IN AGRICULTURAL EDUCATION. By Jasper S. Lee, et al. Mississippi State University, Research and Curriculum Unit for Vocational and Technical Education, Jackson, MS 39203; 1973. 22 p.

A-5 A GUIDE FOR COOPERATIVE VOCATIONAL EDUCATION FOR ADMINISTRATORS AND COORDINATORS. Indiana Department of Public Instruction, Division of Vocational Education, Indianapolis, IN 46204; 1973. 82 p.

A-6 PLANNING GUIDE FOR ESTABLISHING AND CONDUCTING THE AGRICULTURAL BUSINESS OPTION. By Glenn McCarty. Agriculture Education, College of Education and Agriculture Education Service, State Department of Education, Blacksburg, VA 24061; 1973. 77 p.

A-8 OKLAHOMA VOCATIONAL AGRICULTURE EDUCATION. Developed by Division of Vo-Ag Ed. (Byrle Killian, State Supervisor). State Department of Vocational and Technical Education, Stillwater, OK 74074; 1971. 519 p.

A-9 A GUIDE FOR COURSE PLANNING IN AGRICULTURAL SCIENCE AND MECHANICS. Department of Public Instruction, Division of Occupational Education, Raleigh NC 27601; 1971. 54 p.

A-10 CURRICULUM GUIDES FOR VOCATIONAL AGRICULTURE. Department of Public Instruction, Career Education Division, Grimes State Office Building, Des Moines, IA 50319; 1973. 385 p. $5.00.

A-475 A COMPETENCY PATTERN APPROACH TO DEVELOPMENT OF CURRICULAR MODELS FOR SECONDARY SCHOOL AGRICULTURAL OCCUPATIONS PROGRAMS. By Kenneth F. Huddleston and David L. Williams. University of Illinois, College of Education, Department of Vocational and Technical Education, Division of Agricultural Education, Urbana, IL; 1972. 40 p.

A-477 AGRICULTURE SALES AND SERVICES: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF SALES AND SERVICE IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Robert A. Ristau, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53703; n.d. 25 p.

A-478 FUNCTION TASK COMPETENCY APPROACH TO CURRICULUM DEVELOPMENT IN VOCATIONAL EDUCATION IN AGRICULTURE: RESEARCH REPORT #1. PROJECT BACKGROUND, PLAN, AND MODEL DEVELOPMENT. By Harold R. Matteson. College of Agricultural and Life Sciences, Department of Continuing and Vocational Education, University of Wisconsin, Madison, WI; 1974. 31 p.

A-480 IMPROVED READING THROUGH AGRICULTURAL CAREERS: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF IMPROVED READING THROUGH AGRICULTURAL CAREERS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 35 p.

A-515 VOCATIONAL EDUCATION IN LIFE SCIENCE, RECREATION AND AGRICULTURE COURSE OPTIONS AND SUGGESTED COURSES OF STUDY FOR NEW HAMPSHIRE HIGH SCHOOLS. By Emery P. Booska and David Larrabee. New Hampshire Agricultural Teachers' Associations, Agricultural Educations Program, University of New Hampshire, Durban, NH; Vocational-Technical Division, State Department of Education, Concord, NH; 1967. 175 p.

A-573 AGRIBUSINESS EDUCATION PROGRESS AND PLANS. By Cletus Fontaine and Allen Linster. Wisconsin Board of Vocational,Technical and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702; n.d. 39 p.

A-604 OPPORTUNITIES IN AGRICULTURAL OCCUPATIONS AND THE EMPLOYEE WITHIN THE BUSINESS ORGANIZATION: STUDENT MANUAL. Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University; 1971. 68 p.

A-653* GUIDE FOR INTEGRATING ENVIRONMENTAL EDUCATION CONCEPTS INTO ELEMENTARY, SECONDARY, AND POST-SECONDARY VOCATIONAL, TECHNICAL AND ADULT EDUCATION. Co-Sponsored by U.S. Office of Education, Washington, D.C., Wisconsin Board of Vocational, Technical and Adult Education, Madison, WI, The University of Wisconsin Center, Fond du Lac, WI, and Moraine Park Board of Vocational, Technical and Adult Education, Fond du Lac, WI; 1974. 549 p.

A-668* PUBLIC SERVICE OCCUPATIONS CURRICULUM PROJECT: SELECTED EXCERPTS AND RECOMMENDATIONS OF THE NATIONAL ADVISORY AND REVIEW COMMITTEE PUBLIC SERVICE OCCUPATIONS CURRICULUM PROJECT. By William E. Burns. California State Department of Education, Vocational Education Section, Program Planning Unit, Sacramento, CA 95814 and U.S. Office of Education, Bureau of Adult Vocational and Technical Education, Curriculum Center for Occupational and Adult Education; 1972. 29 p.

A-669* PUBLIC SERVICE OCCUPATIONS IN CAREER EDUCATION: AN APPRAISAL OF THE FIRST YEAR AND RECOMMENDED ACTIVITIES AND STRATEGIES OF THE NATIONAL ADVISORY AND REVIEW COMMITTEE. By William E. Burns and Harold M. Blue. California State Department of Education, Vocational Education Section, Program Planning Unit, Sacramento, CA 95814; 1973. 29 p.

A-685 VOCATIONAL AGRICULTURE I: CURRICULUM GUIDE: 9TH GRADE. By Clifton R. Baker. Curriculum and Instructional Materials Center, Division of Vocational Agriculture, Oklahoma State Board of Vocational and Technical Education, Stillwater, OK; 1974. 524 p. $10.00.

A-686 VOCATIONAL AGRICULTURE III. By Bob Patton. Curriculum and Instructional Materials Center, Division of Vocational Agriculture Education, Oklahoma State Board of Vocational and Technical Education; 1972. 984 p. $15.00.

A-687 VOCATIONAL AGRICULTURE IV: A CURRICULUM GUIDE: 12TH GRADE. By Dean Reeder. Curriculum and Instructional Materials Center, Division of Vocational Agriculture, Oklahoma State Board of Vocational and Technical Education; 1973. 842 p. $12.00.

A-724** INSTRUCTIONAL MATERIALS DEVELOPMENT IN AGRICULTURAL EDUCATION AT VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY. By Jasper S. Lee. Agricultural Education Program, Division of Vocational and Technical Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA; 1975. 25 p.

A-736 WAVAI CURRICULUM GUIDE FOR INSTRUCTION IN WISCONSIN SCHOOLS. Rev. ed. Bulletin no. 5011. Wisconsin Association of Vocational Agricultural Instructors. Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI; 1974. 155 p.

A-739** AGRICULTURE FOR LITTLE PEOPLE. By Albert G. Gasior. Vocational-Technical Curriculum Laboratory, Rutgers-The State University, Building 4103, Kilmer Campus, New Brunswick, NJ 08903; 1975. 59 (11) p. $1.50. Elementary level.

A-741 FUNCTION-TASK COMPETENCY APPROACH TO CURRICULUM DEVELOPMENT IN VOCATIONAL EDUCATION IN AGRICULTURE. By Harold R. Matteson. Department of Continuing and Vocational Education, College of Agricultural and Life Science, University of Wisconsin, Madison, WI 53706; 1974? 10 l. Paper presented at the Central Region Agricultural Education Research Conference, Michigan State University, E. Lansing, MI, July 30 - August 1.

A-790 PREPARING AND USING STUDY GUIDES FOR STUDENTS OF VOCATIONAL AGRICULTURE. Department of Agricultural Education, Texas A & M University, College Station, TX; n.d. 7 l.

A-794 FOOD FOR AMERICA: FFA TELLS THE STORY. National FFA Center, P.O. Box 15160, Alexandria, VA 22309; 197-. 1 v. (various pagings). CONTENTS: lesson plan, farm art book, transparency masters. Primary level.

A-802 CAREER ORIENTED CURRICULUM GUIDE FOR VOCATIONAL AGRICULTURE/AGRIBUSINESS. Bulletin no. 1304. Louisiana State Department of Education, P.O. Box 44064, Capitol Station, Baton Rouge, LA 70804; 1975. 156 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 140 EDUCATION

A-485 HANDBOOK ON CAREERS RELATING TO THE ENVIRONMENT; PRELIMINARY EDITION. Illinois Task Force for Environment Occupations in cooperation with the Division of Vocational and Technical Education, State of Illinois; n.d. 52 p.

A-786 STUDENT TEACHER MANUAL FOR STUDENT TEACHERS IN AGRICULTURAL AND EXTENSION EDUCATION. By the Working Committee on Student Teacher Competencies, Department of Agricultural and Extension Education, Mississippi State University, Mississippi State, MS 39762; 1974. 58 p.

A-787 MODULAR DESIGN APPROACH FOR AGRICULTURAL EDUCATION. The University of the State of New York, State Education Department, 99 Washington Avenue, Albany, NY 12230; 1974. 55 p.

A-788 MODULE DIRECTORY FOR AGRICULTURAL EDUCATION. University of the State of New York, the State Education Department, 99 Washington Avenue, Albany, NY 12230; 1974. 125 p.

A-789 PLANNING AND CONDUCTING COOPERATIVE OCCUPATIONAL EXPERIENCE IN OFF-FARM AGRICULTURE. By Harold Anderson, et al. Center for Research and Leadership Development in Vocational and Technical Education, Ohio State University, 980 Kinnear Road, Columbus, OH 43212; 1965. 138 p.

A-798 THE TEACHER-COORDINATOR'S MANUAL FOR DIRECTED WORK EXPERIENCE PROGRAMS IN AGRICULTURE. By Harold R. Cushman, Charles W. Hill, and John K. Miller. New York State College of Agriculture, Cornell University, Ithaca, NY; 1968. 43 p. $.50.

A-800 VOCATIONAL AGRICULTURE IN-SERVICE PROGRAM PLANNING WORKSHOPS: FINAL REPORT. Donald Priebe, project director. Department of Agricultural Education, North Dakota State University, State University Station, Fargo, ND 58102; 1974. 28 p.

A-801 STUDY AND CAREER OPPORTUNITY INFORMATION: AGRICULTURAL SCIENCES--LIFE SCIENCES--NATURAL RESOURCES. Office of Resident Instruction, College of Agricultural and Life Sciences, University of Wisconsin, Madison, WI 53706; n.d. 36 p.

A-851 AGRIBUSINESS: IS IT FOR ME? By Willard H. Wolf and John D. Watkins. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1975. 15 p. $.25.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 150 EMPLOYMENT

A-713 CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION: GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, GENERAL FARMING. By Gilbert A. Long. Washington State Board for Vocational Education; Olympia, WA; 1968. 82 l. $4.35.

A-722* EXPLORING AGRICULTURAL CAREERS: THE PRESENT WORLD OF WORK. AB-5. By Jasper S. Lee. Agricultural Education Program, Division of Vocational and Technical Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA, in cooperation with State Department of Education, Richmond, VA; 1975. 35 p.

A-723* EXPLORING AGRICULTURAL CAREERS: THE IMPORTANCE OF WORK. AB-4. By Jasper S. Lee. Agricultural Education Program, Division of Vocational and Technical Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA, in cooperation with the State Department of Education, Richmond, VA; 1975. 19 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 170 EQUIPMENT

A-659* MINIMUM-MAXIMUM EQUIPMENT LIST OF PROGRAMS 01.0300--01.0504. n.p.; n.d. 5 l.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 210 FACILITIES

A-878 FACILITY STANDARDS AND EQUIPMENT FOR AGRICULTURAL EDUCATION PROGRAMS. Texas Education Agency, Austin, TX; available from Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1974. 146 p. $3.20

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 270 INSTRUCTION

A-11 VOCATIONAL AGRIBUSINESS AND NATURAL RESOURCES IN WISCONSIN SCHOOL. Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison WI 53706; 1972. 18 p.

A-699 GUIDELINES: INDIVIDUALIZING INSTRUCTION IN AGRICULTURE. Roger H. Lambert and O. Donald Meaders, eds. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; 1970. 43 p. $1.66.

A-701 AGRICULTURAL EDUCATION: APPROACHES TO LEARNING AND TEACHING. By Charles C. Drawbaugh and William L. Hull. Charles E. Merrill Publishing Co., Columbus, OH; 1971. 324 p. $11.95

A-703 PERFORMANCE OBJECTIVES DEVELOPMENT PROJECT: AGRICULTURE. By Dan Brown and Philip Bailey. Michigan Department of Education, Vocational-Technical Education Service, P.O. Box 928, Lansing, MI 48904; 1974. 150 p.

A-772 COMMON WAYS OF ORGANIZING A BUSINESS. VAS 6104. By J.H. Herbst. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-773 PLANNING TO MEET CASH REQUIREMENTS. VAS 6012. By R.J. Mutti. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-774 HUMAN RELATIONS IN AGRICULTURAL BUSINESS. By E.E. Trotter and J.H. Herbst. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-799 SUPERVISED EXPERIENCE PROGRAMS IN AGRIBUSINESS EDUCATION. State Department of Education, Agribusiness Education Service, Montgomery, AL 36104; n.d. 18 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 320 LIBRARY MATERIALS

A-673* STATE INSTRUCTIONAL MATERIALS FOR AGRICULTURE VOCATIONAL EDUCATION. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; n.d. 79 p.

A-678* VOCATIONAL INSTRUCTIONAL MATERIALS FOR AGRICULTURE AVAILABLE FROM FEDERAL AGENCIES. Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S.W. Second Avenue, Portland, OR 97204; n.d. 125 p.

A-679** VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR . . . AGRICULTURE. U.S. Government Printing Office, Washington, D.C. 20402; n.d. 73 p.

A-872 NEW INSTRUCTIONAL MATERIALS FOR AGRICULTURAL EDUCATION, 1976. Curriculum Materials Committee, Agricultural Education Division, American Vocational Association, Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; 1976. 37 p. $.25.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 340 MATHEMATICS

A-481 MATHEMATICS FOR AGRICULTURE. By Frank Miller. Division of Vocational Education, Department of Education, State of New Jersey, Vocational-Technical Curriculum Laboratory, Rutgers-The State University, Building 4103-Kilmer Campus, New Brunswick, NJ; 1972. 175 p.

A-775 USING ARITHMETIC IN AGRICULTURE. VAS 6105. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 20 p. $.35.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/ 370 ORGANIZATIONS (GROUPS)

A-422 PREPARING AND DELIVERING AN FFA SPEECH. Vocational Education Department, Virginia Polytechnic College and State University, Blacksburg, VA 24061; 1958. 10 p.

A-489 NEW YORK FFA LEADERSHIP TRAINING MANUAL. The University of the State of New York, The State Education Department Bureau of Secondary Curriculum Development, Albany, NY 12224; n.d. 60 p.

A-593 OFFICIAL FFA MANUAL FOR THE NATIONAL ORGANIZATION FOR STUDENTS OF VOCATIONAL AGRICULTURE, 1975. National FFA Supply Service, P.O. Box 15159, Alexandria, VA 22309; 1975. 128 p.

A-733* FFA LEADERSHIP HANDBOOK. By Sidney B. Moody. n.p.; 1974. 70 p.

A-791 (FUTURE FARMERS OF AMERICA INFORMATION PACKET) National FFA Center, Box 15160, Alexandria, VA 22309; n.d. Assorted pamphlets in envelope. Contents: FFA for a growing agriculture.-After all it did to make me what I am...-FFA facts.-What is FFA to you?-The FFA organization.

A-792 FUTURE FARMERS OF AMERICA TRANSPARENCY MASTERS. State Department of Education, Agribusiness Education Service, Montgomery, AL 36104; 1975. 15 masters.

A-793 CHAPTER GUIDE TO FFA ACTIVITIES. National FFA Center, P.O. Box 15160, Alexandria VA 22309; 1975. 1 v. (various pagings).

A-795 FUTURE FARMERS OF AMERICA NATIONAL CONVENTION, 47TH, PROCEEDINGS--KANSAS CITY, MISSOURI, OCTOBER 15-18, 1974. National FFA Supply Service, P.O. Box 15159, Alexandria, VA 22309; 1975. 78 p.

A-796 FFA ADVISOR'S HANDBOOK. 1st ed. National FFA Center, Box 15160, Alexandria, VA 22309; 1975. 194 p.

A-797 FFA ACTIVITY HANDBOOK. National FFA Center, P.O. Box 15160, Alexandria, VA 22309; 1975. 6 v. in 1. CONTENTS: Chapter activity planning guide.-Agricultural proficiency award reference.-Achievement award program booklet.-Chapter safety program reference.-Building our American communities reference.-National contests bulletin no. 4.

A-809 EFFECTIVE BANQUETS. By Richard L. Crawford. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1976. 33 p. $1.00.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/380 PERSONNEL AND GROUPS

A-657* THE ILLINOIS YOUNG FARMER PROGRAM: A GUIDE FOR DEVELOPING THE LOCAL YOUNG FARMER CHAPTER. Division of Vocational and Technical Education, 1035 Outer Park Drive, Springfield, IL 62706; n.d. 26 p.

A-700 ADULT EDUCATION IN AGRICULTURE. By Robert E. Bender, et al. Charles E. Merrill Publishing Company, Columbus, OH; 1972. 225 p. $11.95.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/410 PROGRAMS

A-648** FUNCTION-TASK-COMPETENCY APPROACH TO CURRICULUM DEVELOPMENT IN VOCATIONAL EDUCATION AND AGRICULTURE, RESEARCH REPORT #2. PROFESSIONAL COMPETENCIES POSSESSED AND NEEDED BY VOCATIONAL INSTRUCTORS IN AGRICULTURE AND WHEN THEY SHOULD BE DEVELOPED. By Harold R. Matteson, Walter T. Bjoraker and Richard A. Jensen. College of Agriculture and Life Sciences, Department of Continuing and Vocational Education, University of Wisconsin, Madison, WI; 1974. 110 p.

A-666* A PREVOCATIONAL LABORATORY CENTERED CURRICULUM FOR RURAL DISADVANTAGED YOUTH, FINAL REPORT. By Robert W. Walker, Carl Awe, Alvin LaMar, Ali Ammadi, C. Eugene McGrew, Gene F. Norman and Leonard E. Sigler. Agricultural Education Division, Vocational and Technical Education Department, College of Education, University of Illinois, Urbana, IL and Illinois Research Coordinating Unit, Board of Vocational Education and Rehabilitation, State of Illinois; c1970. 138 p.

01.0000 AGRICULTURE OCCUPATIONS EDUCATION, GENERAL/450 RESEARCH

A-12 SUMMARY REPORT OF THE EVALUATION OF THE INDEPENDENCE HIGH SCHOOL'S AGRICULTURAL EDUCATION DEPARTMENT. By John R. Crunkilton. Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1972. 106 p.

A-14 A STUDY OF THE EXPLORATORY AGRICULTURE PROGRAMS IN VIRGINIA. By Larry E. Miller. Agriculture Education Division of Vocational Technical Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1973. 31 p.

A-15 SUPPLY AND DEMAND FOR TEACHERS OF VOCATIONAL AGRICULTURE IN 1973. By Ralph J. Woodin. College of Education, Department of Vocational-Technical Education, The University of Tennessee, Knoxville TN 37916; 1973. 27 p.

01.01 AGRICULTURAL PRODUCTION/110 CURRICULUM

A-16 INSECTS: MODULES IN ENTOMOLOGY. Department of Agriculture Education, Purdue University, Lafayette, IN 46207; 1971. 79 p.

A-17 A GUIDE FOR TEACHING AGRICULTURAL PRODUCTION. By Jasper S. Lee et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 31 p.

A-19 CURRICULUM GUIDE IN AGRICULTURAL PRODUCTION. Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; n.d. 106 p.

A-21 CAREER PREPARATION IN AGRICULTURAL PRODUCTION: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Materials Lab in Agricultural Education, Ohio State University, Columbus, OH 43210; 1974. 692 p. $7.50.

A-482 A TRAINING PROGRAM FOR VOCATIONAL AGRICULTURE IN LIVESTOCK AND POULTRY. Louisiana State Department of Education, Vocational Education Division, in cooperation with Louisiana State University, Agricultural Education Department and the General Extension Division, Baton Rouge, LA; n.d. 119 p.

A-714 INSTRUCTIONAL RESOURCE UNITS FOR INDIVIDUAL ON-FARM INSTRUCTION IN FARM TRAINING. Workshop on Farm Training Instruction, Madison, May 30-31, June 13, 14, 28, 1974. Wisconsin State Board of Vocational, Technical and Adult Education; 1974. 1 v.

A-803 AGRIBUSINESS AND NATURAL RESOURCES EDUCATION: PROGRAM PLANNING GUIDE FOR PRODUCTION AGRICULTURE. Bulletin 77F-17. Florida Department of Education, Tallahassee, FL 32304; 1974. 71 p.

A-804** PROGRAM PLANNING GUIDE IN AGRICULTURAL PRODUCTION. By William Rich and Eugene Wood. Agricultural Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 153 p.

01.01 AGRICULTURAL PRODUCTION/270 INSTRUCTION

A-22 FILLING THE UP-RIGHT SILO TO OBTAIN QUALITY SILAGE: A SUPPLEMENT TO THE AGRICULTURAL PRODUCTION CURRICULUM GUIDE. By Don G. Glazier, Jr. Ohio Career Education and Curriculum, Materials Laboratory in Agricultural Education, Ohio State University, Columbus, OH 43210; 1974. 14 p.

01.0101 ANIMAL SCIENCE/050 AUDIOVISUAL MATERIALS AND METHODS

A-33 BLOCKING AND TRIMMING SHEEP. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 42 frames. $2.85.

A-34 BLOCKING AND TRIMMING SHEEP. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 31 transparencies. $1.65.

A-35 BREEDS OF SWINE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 52 frames. $3.15.

A-36 THE COW'S UDDER AND HOW IT FUNCTIONS. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Filmstrip; 52 frames. $3.05.

A-37 PLAN THE LIVESTOCK SYSTEM AND ESTIMATE FERTILITY COSTS. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Filmstrip; 48 frames. $3.05.

A-38 PREVENTING TRANSPORTATION LOSSES OF LIVESTOCK. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Filmstrip; 33 frames. $2.55.

A-39 SELECTING BEEF BREEDING ANIMALS. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 73 frames. $3.90.

A-40 SELECTING BREEDING SHEEP. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Filmstrip; 72 frames. $3.80.

A-41 SHEARING SHEEP. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana IL 61801; 1970. Filmstrip; 73 frames. $3.85.

A-42 SHEEP. Animal Science Visuals, Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. Set of 7 visuals. $.30.

A-43 SWINE. Animal Science Visuals, Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. set of 28 visuals. $.95.

A-78 BREEDS OF LIVESTOCK. State Department of Vocational and Technical Education, 1515 West 6th Ave., Stillwater, OK 74074; n.d. 29 slides with script.

A-79 ANIMAL SCIENCE: INSECTS AND PARASITES. Vocational Education Media Center, Clemson University, Clemson, SC 29631; n.d. Transparencies and transparency masters, 8 p.

A-81 ANIMAL SCIENCE: BREEDING LIVESTOCK. Vocational Education Media Center, Clemson University, Clemson, SC 29631; n.d. Transparencies, 11 p.

A-82 ANIMAL SCIENCE: FEEDS AND FEEDING. Vocational Education Media Center, Clemson University, Clemson, SC 29631; n.d. Transparencies and Transparency masters, 21 p.

A-624 DAIRY CATTLE STERILITY. By Harry L. Barr. Michigan State University Animal Reproduction Laboratory, P.O. Box 231, East Lansing, MI; n.d. 45 col. slides in carrousel, script.

A-625 GESTATION-LACTATION PERIOD MANAGEMENT OF SOWS AND GILTS. By Richard F. Wilson. The Ohio State University; 1964. 23 color slides and script.

A-778 HOLSTEIN JUDGING CLASSES, MATURE COWS. S-211-1.1. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; n.d. 232 35mm slide, col. $4.95.

A-781 NEW AND EXOTIC BREEDS OF BEEF CATTLE. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 64 35mm slide, col. $10.10.

A-782 GOOD HORSEMANSHIP. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; n.d. 43 35mm slides. $6.00. Basic riding instruction, Western style.

A-843 THE INSIDE STORY OF MADAM BROOD SOW. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1972. 27 35mm slides, col., script. $6.25.

A-846 SHEEP TRANSPARENCIES. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; n.d. 50 transparencies and masters. $5.10.

A-858 OUTDOOR RECREATION AND APPLIED ECOLOGY (HORSE CARE). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 3 v. in 1, 12 35mm col. slides. CONTENTS: Feeding horses.-Grooming horses.-Safety procedures for training and riding horses.-Transparency masters.

A-891 JUDGING HORSES--GELDINGS AND MARES. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 30 35mm col. slides, script. $9.00.

A-892 PROPER MILKING PROCEDURES. By Dennis Armstrong and James L. Gibson. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; 1972. 16 35mm col. slides, script. $5.50.

A-893 BREEDS OF SHEEP AND GOATS. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 28 35mm col. slides, script. $8.40.

A-894 DAIRY CATTLE JUDGING, EAST TEXAS STATE UNIVERSITY, 1975. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 60 col. slides, script. $21.00. Depicts Jersey and Holstein cows and heifers.

A-895 LIVESTOCK JUDGING, WEST TEXAS STATE UNIVERSITY, 1975. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 60 col. slides, script. $18.00. Depicts Hereford steers, Angus heifers, Hampshire Barrows, Hampshire gilts, market ewe lambs and Hampshire breeding ewes.

A-901 SLAUGHTER STEER GRADING--LIVE ANIMALS AND CARCASS. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 32 color slides, script. $9.60.

A-903 DAIRY JUDGING--JERSEY CLASSES. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 43 col. slides, script. $12.90. Depicts Jersey heifers and cows.

A-904 STATE MEAT JUDGING CONTEST, 1975. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 92 col. slides, script. $27.60. Depicts beef, pork and lamb carcasses and cuts.

01.0101 ANIMAL SCIENCE/070 BIOLOGY

A-710 POULTRY SCIENCE. 1st ed. By M.E. Ensminger. The Interstate Printers and Publishers, Danville, IL; 1971. 276 p. $9.95.

A-711 CAREER OPPORTUNITIES IN ARTIFICIAL INSEMINATION. National Association of Animal Breeders, Columbia, MO; n.d. 15 p.

A-712 DAIRY CATTLE SCIENCE. 1st ed. By M.E. Ensminger. The Interstate Printers and Publishers, Danville, IL; 1971. 524 p. $10.75.

01.0101 ANIMAL SCIENCE/110 CURRICULUM

A-44 FEEDING BEEF CATTLE: LESSON PLAN. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1959. 9 p.

A-46 DAIRYING: PREVENTING AND CONTROLLING MASTITIS. LESSON PLAN. Virginia Mastitis Prevention and Control Program, Agricultural Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1968. 8 p.

A-47 LESSON PLAN FOR VOCATIONAL AGRICULTURE: ANIMAL SCIENCE-FEEDING ANIMALS. Virginia Teachers of VoAg and AgEd Staffs, Vocational Education Department, V.P.I. and State Department of Education, Blacksburg, VA 24061; 1960. 43 p.

A-48 LESSON PLAN FOR VOCATIONAL AGRICULTURE: ANIMAL SCIENCE - SELECTING AND GRADING ANIMALS. Virginia Teachers of VoAg and AgEd Staffs, Department of Education, V.P.I. and Virginia Department of Education, Blacksburg, VA 24061; 1968. 86 p.

A-49 LESSON PLAN FOR VOCATIONAL AGRICULTURE: ANIMAL SCIENCE - MAINTAINING ANIMAL HEALTH. Virginia Teachers of VoAg and AgEd Staffs, Vocational Education Department, V.P.I. and Virginia Department of Education, Blacksburg, VA 24061; 1961. 42 p.

A-50 SELECTING AND BUYING BEEF CATTLE. By B.C. Bass. AgEd, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 44 p.

A-51 FEEDING AND CARING FOR BEEF BREEDING HERD. By B.C. Bass. AgEd, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 40 p.

A-52 FEEDING AND CARING FOR GROWING AND FINISHING BEEF ANIMALS. By B.C. Bass. Ag Ed Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 44 p.

A-53 PREVENTING AND CONTROLLING MASTITIS. By B.C. Bass. AgEd, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 30 p.

A-54 PREVENTING AND CONTROLLING DISEASES AND PARASITES OF BEEF CATTLE. By B.C. Bass. AgEd, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1972. 26 p.

A-55 HORSE HUSBANDRY: A SPECIALIZED ONE-SEMESTER COURSE IN VOCATIONAL AGRICULTURE FOR JUNIORS AND SENIORS. By C.O. Loreen. Coordinating Council for Occupational Education, Olympia, WA 98504; 1973. 161 p.

A-56 CURRICULUM GUIDE IN ANIMAL SCIENCE. Department of AgEd, Iowa Department of Public Instruction, Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 55 p.

A-516 BASIC DAIRY HERD HEALTH: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF BASIC DARIY HERD hEALTH IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53703; n.d. 16 p.

A-572 MORE PROFIT FROM PIGS. By T.J. Brevik, et al. University of Wisconsin-Madison and Division of Economic and Environmental Development, University of Wisconsin Extension, Madison, WI 53706; n.d. 63 p.

A-575 DAIRY FARM WORKER. Rev. By Rex Stephens and Bobby Winters. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1975. 1 v. (various pagings). $4.70.

A-580 DEER AND TURKEY MANAGEMENT. Texas Agricultural Education Vocational Instructional Services; n.d. 38 p.

A-594 DAIRY CATTLE NUTRITION: A STUDENT HANDBOOK. Pennsylvania State University, College of Agriculture, University Park, PA; 1965. 68 p.

A-613 LIVESTOCK BREEDING. By Harlan E. Ridenour and James E. Dougan. Agricultural Education Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1970. 194 p.

A-735* VETERINARY SCIENCE TECHNOLOGY: A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM. State University of New York. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; 1975. 128 p.

A-870 POULTRY FARM WORKER: COMMERCIAL LAYING FLOCK. By S.E. Skiles. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1967; 1972. 1 v. (various pagings). $7.20. "Designed for the student enrolled in the Agricultural Cooperative Part-Time Training Program."

A-871 FEEDLOT EMPLOYEE. By E.A. Howard, Jr. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968; 1972. 1 v. (various pagings). $7.55. "Designed for the student enrolled in the Agricultural Cooperative Part-Time Training Program."

A-875 POULTRY FARM WORKER: BROILER PRODUCTION AND MARKETING. By Inman White. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968. 1 v. (various pagings). $5.50.

A-874 SWINE FARM EMPLOYEE. By Harold C. Shafer and Ed. Simpson. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968. 1 v. (various pagings). $6.95.

A-876 RANCH EMPLOYEE. By Colvin Walker. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968; 1974. 1 v. (various pagings). $9.80.

A-877 HORSE FARM EMPLOYEE. Rev. By Ronnie Money. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1969. 1 v. (various pagings). $8.20.

01.0101 ANIMAL SCIENCE/140 EDUCATION

A-586 AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURE: POULTRY PROCESSING EMPLOYEE. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 150 p.

A-589 AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURE: HATCHERY EMPLOYEE, TEACHER'S COPY. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 60 p.

A-590 AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURE: POULTRY FARM WORK EGG PRODUCTION. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 300 p.

A-806 PEOPLE WHO WORK WITH ANIMALS. Product Utilization, Center for Vocational Education, 1960 Kenny Road, Columbus, OH 43210; 1974. 35 p. $4.00. "Recommended for use in grade two in social studies or language arts--may also be used in advanced first grade classes and in the third grade."

01.0101 ANIMAL SCIENCE/250 HEALTH AND SAFETY

A-57 PRODUCT DESCRIPTIONS: PROFESSIONAL VETERINARY PHARMACEUTICALS. American Cyanamid Company, Agricultural Division, P.O. Box 400, Princeton, NJ 08540; n.d. 46 p.

A-58 PRODUCT DESCRIPTIONS: ANIMAL HEALTH PRODUCTS. American Cyanamid Company, Agricultural Division, P.O. Box 400, Princeton, NJ 08540; 41 p.

A-59 ANIMAL HEALTH PRODUCTS AND GUIDE TO COMMON LIVESTOCK DISEASES. American Cyanamid Company, Agricultural Division, P.O. Box 400, Princeton, NJ 08540; n.d. 41 p.

01.0101 ANIMAL SCIENCE/270 INSTRUCTION

A-60 SYSTEMS OF SWINE BREEDING, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 8 p. $.10.

A-62 JUDGING AND GRADING POULTRY AND EGGS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 36 p. $.36.

A-63 JUDGING DAIRY CATTLE, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 14 p. $.20.

A-64 JUDGING BEEF CATTLE, SWINE, AND SHEEP, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 14 p. $.20.

A-66 DAIRY CATTLE FEEDING, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 12 p. $.15.

A-68 CARING FOR THE SOW AND LITTER AT FARROWING TIME, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 8 p. $.10.

A-69 CARING FOR THE BROOD MARE AND FOAL, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 8 p. $.10.

A-70 BIOLOGY AND CONTROL METHODS FOR EXTERNAL PARASITES OF BEEF CATTLE. By J.E. Roberts. Extension Division, Virginia Polytechnic Institute and State University, Publication 411, Blacksburg, VA 24061; 1970. 16 p.

A-72 BREEDS OF BEEF CATTLE. By W.H. Witt. Vocational Agriculture Service, University of Illinois, Urbana, IL 61801; 1973. 20 p.

A-73 BREEDS OF SHEEP. By W.H. Witt. Vocational Agriculture Service, University of Illinois, Urbana, IL 61801; 1973. 20 p.

A-74 RABBIT RAISING. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; n.d. 12 p. $.20.

A-75 RESOURCE UNIT AGRICULTURE: BASIC DAIRY HERD HEALTH. VoAg Pilot Program Workshop, University of Wisconsin-Platteville, Bureau for Career and Manpower Department, Wisconsin Department of Public Instruction, Madison, WI 53706; 1972. 16 p.

A-742 HORSES AND HORSEMANSHIP. VAS 1047. By W.H. Witt. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 44 p. $.70. Based on "Nebraska 4-H Horse Project--Members' Manual," Nebraska Ext. Cir. 2-91-70.

A-743 THE SWINE ENTERPRISE. VAS 1029a. Rev. By Larry Keyser. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-746 JUDGING LIGHT HORSES. By W.H. Witt. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 16 p. $.25.

A-767 PLANTS POISONOUS TO LIVESTOCK. VAS 4020. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 16 p. $.25.

A-776 USING ROPE IN ANIMAL AGRICULTURE. VAS 1053. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.35.

A-805 SOURCE UNIT IN DAIRY PRODUCTION. By Larry Propp. Colorado State University, Department of Vocational Education, Agriculture Education Division, Fort Collins, CO 80523; 1975. 1 v. (unpaged).

A-847 INSECT, TICK, AND MITE PESTS OF LIVESTOCK AND PETS. By Clarence R. Fridline. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1972. 53 p. $1.75.

A-884 SELECTING HORSES (STOCK HORSE TYPE). Vocational Instructional Services, Texas A & M University, College Station, TX 77843; n.d. 15 p. $.25.

A-885 SELECTING POULTRY. Vocational Instructional Materials, Texas A & M University, College Station, TX 77843; n.d. 14 p. $.25.

A-886 INJECTION PROCEDURES. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; n.d. 9 p. $.25.

A-887 HANDLING AND RESTRAINT OF LIVESTOCK. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; n.d. 13 p. $.25. Includes post test, secondary level.

A-888 DEHORNING PROCEDURES. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; n.d. 9 p. $.25.

A-921 POULTRY HATCHERY EMPLOYEE. By Henry Williams and Gabe Dooley. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1967. 1 v. (various pagings). $2.60.

01.0101 ANIMAL SCIENCE/350 OCCUPATIONS

A-76 BEEF AND DAIRY CATTLE RAISING JOBS. Wisconsin State Employment Service, A Division of the Department of Industry, Labor and Human Relations, Madison, WI 53706; n.d. 59 p.

A-77 A CURRICULUM GUIDE FOR CAREERS IN ANIMAL PRODUCTION DESIGNED FOR AGRICULTURE OCCUPATIONS. Harold L. Mailman, ed. State of Maine, Department of Educational and Cultural Services, Bureau of Vocational Education, Augusta, MA 04330; 1973. 20 p.

01.0102 PLANT SCIENCE/050 AUDIOVISUAL MATERIALS AND METHODS

A-83 CONTROL OF AQUATIC WEEDS. Slidefilm 795. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. Filmstrip; 43 frames. $2.90.

A-84 CONTROLLING GIANT FOXTAILS. Slidefilm 794. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. Filmstrip; 37 frames. $2.70.

A-86 DETERMINING MARKET GRADES OF CORN. Slidefilm 733. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Filmstrip; 47 frames. $3.00.

A-87 FACTORS AFFECTING CLASSES AND GRADES OF OATS. Slidefilm 772. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Filmstrip; 42 frames. $2.85.

A-88 FACTORS AFFECTING CLASSES AND GRADES OF SOYBEANS. Slidefilm 746. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 34 frames. $2.60.

A-89 FACTORS AFFECTING CLASSES AND GRADES OF WHEAT. Slidefilm 776. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Filmstrip; 53 frames. $3.20.

A-90 IDENTIFICATION OF WEED SEEDLINGS, BROADLEAVES. Part I, slidefilm 800. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 45 frames. $2.95.

A-91 IDENTIFICATION OF WEED SEEDLINGS, BROADLEAVES. Part II, slidefilm 801. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Filmstrip; 45 frames. $2.95.

A-92 IDENTIFICATION OF WEEDS: PART I. Slidefilm 791. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Filmstrip; 40 frames. $2.80.

A-93 IDENTIFICATION OF WEEDS: PART II. Slidefilm 792. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. Filmstrip; 26 frames. $2.35.

A-94 OAT PRODUCTION. Plant and Soil Science Visuals. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Set of 16 visual masters. $ .55.

A-95 PRODUCING HYBRID SEED CORN. Slidefilm 730A. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Color filmstrip; 68 frames. $3.65.

A-96 PROPAGATION BY AIR LAYERING. Slidefilm 600. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Color filmstrip; 29 frames. $2.45.

A-97 DISEASES OF SOYBEANS. By T.H. Bowyer, M.C. Shurtleff and D.W. Chamberlain. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 page booklet and filmstrip.

A-98 SOYBEANS DISEASES IN ILLINOIS. Slidefilm 747. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Color filmstrip; 39 frames. $2.75.

A-99 WEED IDENTIFICATION. Plant and Soil Science Visuals. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. Set of 33 visual masters. $.95.

A-125 TRANSPARENCY MASTERS FOR CROP AND WEED IDENTIFICATION. By Dwane G. Miller, Gilbert A. Long and Clarence Manning. Department of Education, Washington State University, Pullman, WA 99163; 1968. Transparency masters; 212 pages.

A-617 FUNDAMENTALS OF PLANT IDENTIFICATION - A STUDENT STUDY GUIDE. By Clarence R. Fridline. The Ohio Agricultural Education, Curriculum Materials Service, Columbus, OH; 1971. 15 slides in carrousel and script.

A-618 SOME IDENTIFYING CHARACTERISTICS OF 70 CROP AND WEED PLANTS. By Clarence R. Fridline. Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University, Columbus, OH; 1971. 78 slides with script and booklet "An Aid to the Identification of 70 Crop and Weed Plants."

A-620 SOME IDENTIFYING CHARACTERISTICS OF 60 CROP AND WEED SEEDS. By Clarence R. Fridline. Ohio Agricultural Education Curriculum Materials Service, State Department of Education and Department of Agricultural Education, The Ohio State University, Columbus, OH; rev. 1972. 60 color slides, script and 16 page booklet.

A-626 CORN ROOT DEVELOPMENT. By Henry D. Foth and Raymond Clark. Michigan State University, Department of Soils and Agricultural Education, M.S.U. Bulletin Office, P.O. Box 231, East Lansing, MI; 1961. 21 color slides, script and booklet "Rate of Planting Corn: A Laboratory Exercise."

A-697* ORIENTATION TO HERBICIDES AND PESTICIDES: UNIT I. n.p.; n.d. Cassette tape.

A-698* CELL STRUCTURE: UNIT II. n.p.; n.d. Cassette.

A-784 DISEASES OF ALFALFA. Disease series no. 3. By M.C. Shurtleff, E.E. Burns and T.H. Bowyer. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; n.d. 42 slides, script. $6.95.

A-785 DISEASES OF CLOVERS. Disease series no. 4. By M.C. Shurtleff, E.E. Burns, and T.H. Bowyer. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 40 col. slides, script. $6.65.

A-841 THE EARLY GROWTH OF CORN. Ohio Agricultural Education, Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1968. 26 35mm slides, col., script. $5 20. Script derived from spring, 1968 issue of The Farm Quarterly.

A-842 THE LATE GROWTH OF CORN. Ohio Agricultural Education, Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1969. 29 35mm slides, col., script. $5.60. Script taken from The Farm Quarterly/Harvest, 1969.

A-848 WEED CONTROL TRANSPARENCIES. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 51 transparencies and masters. $ .20.

A-865 OUTDOOR RECREATION AND APPLIED ECOLOGY (PLANT LIFE). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 2 v. in 1, 21 35mm col. slides. CONTENTS: The Effects of the environment on plants.-Caring for plants at home.-Transparency masters.

A-896 HIGHER ALFALFA YIELDS. By Raymond M. Clark, et al. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; n.d. 38 35 mm col. slides, script. $11.00.

A-898 PLANT SCIENCE TRANSPARENCIES. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 67 transparencies. $16.75.

01.0102 PLANT SCIENCE/110 CURRICULUM

A-100 LESSON PLAN FOR VOCATIONAL AGRICULTURE: PLANT SCIENCE - EXHIBITING CROPS. Virginia Teachers of VoAg and AgEd Staffs, Vocational Education Department, Virginia Polytechnic Institute, Blacksburg, VA 24061; 1964. 12 p.

A-101 LESSON PLAN FOR VOCATIONAL AGRICULTURE: PLANT SCIENCE - INSECTS. Virginia Teachers of VoAg and AgEd Staffs, Vocational Education Department, Virginia Polytechnic Institute and State Department of Education, Blacksburg, VA 24061; 1963. 28 p.

A-102 LESSON PLAN FOR VOCATIONAL AGRICULTURE: PLANT SCIENCE - FERTILIZERS AND NUTRIENTS. Virginia Teachers of VoAg and AgEd Staffs, Department of Education, Virginia Polytechnic Institute and State Department of Education, Blacksburg, VA 24061; 1968. 44 p.

A-103 CORN - CURRICULUM MATERIAL FOR AGRICULTURAL EDUCATION. By Claude E. Richard. AgEd, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 65 p.

A-104 CURRICULUM GUIDE IN AGRONOMIC SCIENCE. Department of AgEd, Iowa State University and Iowa Department of Public Instruction; Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 46 p.

A-105 PLANT PROPAGRATION: A SPECIALIZED ONE-SEMESTER COURSE IN VOCATIONAL AGRICULTURE FOR JUNIORS AND SENIORS. By C.O. Loreen. Coordinating Council for Occupational Education, Olympia, WA 98504; 1973. 74 p.

A-116 FARM CROP PRODUCTION TECHNOLOGY: A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM. U.S. Department of Health, Education and Welfare, U.S. Government Printing Office, Superintendent of Documents, Washington D.C. 20402; 1970. 179 p. $1.50.

A-597 USING THE SCHOOL GREENHOUSE: A SCHOOL-YEAR UNIT TO TEACH ENVIRONMENTAL PRINCIPLES OF PLANT SCIENCE THROUGH PRODUCTION OF CROPS OF CHRYSANTHEMUMS, DAFFODILS, AND VEGETABLF TRANSPLANTS. By Charles C. Drawbaugh. The Pennsylvania State University, College of Agriculture, Department of Agricultural Education, University Park PA; 1963. 63 p.

A-665* HERBICIDE AND PESTICIDE DOSAGE CALCULATIONS. By M. Gentz. Fox Valley Technical Institute, 1825 N. Bluemound Drive, P.O. Box 2277, Appleton, WI 54911; n.d. 20 p.

A-665* PLANT GROWTH AND DEVELOPMENT. By M. Gentz. Fox Valley Technical Institute, 1825 N. Bluemound Drive, Appleton, WI 54911; 1972. 42 p.

A-667* PRINCIPLES OF INSECT CONTROL. By M. Gentz. Fox Valley Technical Institute, 1825 N. Bluemound Drive, Appleton, WI 54911; n.d. 8 p. typescript.

A-684 ADVANCED SOYBEAN PRODUCTION. By Harry W. Pry. Instructional Materials Laboratory, Agricultural Education Department of Practical Arts and Vocational-Technical Education, College of Education in cooperation with the College of Agriculture, University of Missouri, Columbia and Division of Career and Adult Education, State Department of Education, Jefferson City, MO 65101; 1973. 177 p. $4.00.

A-691 CORN AND SORGHUM PRODUCTION. By Harry W. Pry. Instructional Materials Laboratory, Agricultural Education, Department of Practical Arts and Vocational-Technical Education, College of Education, in cooperation with the College of Agriculture, University of Missouri, Columbia and Division of Career and Adult Education, State Department of Education, Jefferson City, MO 65101; 1973. 281 p. $7.25.

A-849 INDIVIDUAL STUDY GUIDE FOR DRYING CORN ON THE FARM. By Wiley B. Lewis. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1970. 139 p. $3.75.

01.0102 PLANT SCIENCE/160 ENVIRONMENT

A-106 AIR POLLUTION DAMAGE TO VEGETATION. By T.H. Bowyer, M.C. Shartleff and E.E. Burns. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; 1973. 10 p.

01.0102 PLANT SCIENCE/240 HANDICAPPED

A-107 VEGETABLE GARDENING - A CURRICULUM GUIDE FOR HANDICAPPED STUDENTS. By Alan R. Gerling. Coordinating Council for Occupational Education, Olympia, WA 98504; 1973. 21 p.

01.0102 PLANT SCIENCE/270 INSTRUCTION

A-108 PRUNING AND TRAINING BRAMBLE FRUITS AND HIGHBUSH BLUEBERRIES, STUDENT'S GUIDE. Vocational Agricultural Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 8 p. $.10.

A-109 PRODUCING PLANTS BY ASEXUAL PROPAGATION, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 20 p. $.25.

A-110 PRODUCING OATS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. 12 p. $.15.

A-111 PRODUCING HIGH CORN YIELDS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 12 p. $.15.

A-112 PRODUCING HIGH ALFALFA YIELDS STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 20 p. $.20.

A-113 MAIZE DWARF MOSAIC OF CORN, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 8 p. $.10.

A-114 A COURSE IN BASIC PLANT SCIENCE USING INDIVIDUALIZED INSTRUCTION FOR FIRST YEAR VOCATIONAL AGRICULTURE STUDENTS. David G. Craig, ed. Oklahoma State Department of Vocational and Technical Education Curriculum and Instructional Materials Center, 1515 W. 6th Avenue, Stillwater, OK 74074; 1973. 200 p. $1.00.

A-117 TOMATOES IN WISCONSIN GARDENS. By John Schoenemann. Bulletin Room, College of Agriculture and Life Sciences, University of Wisconsin, Madison, WI 53706; 1972. 4 p. $.05.

A-118 PLANT REGULATORS: THEIR USE AS A HOBBY. By J.V. Butler. University of Illinois, College of Agriculture, Cooperative Extension Service Circular 886, Urbana, IL 61801; n.d. 15 p.

A-119 GRAFTING. By George Klingbeil and Malcolm Dana. University of Wisconsin Extension Service, College of Agriculture and Life Sciences, Madison, WI 53706; 1959. 11 p.

A-120 USDA AND UNIVERSITY OF WISCONSIN EXTENSION PUBLICATIONS RELATED TO FRUIT AND NUT PRODUCTION. USDA and University of Wisconsin Extension Bulletin Room, College of Agriculture and Life Sciences, University of Wisconsin, Madison, WI 53706; n.d. 21 extension bulletins and circulars in folder.

A-121 USDA AND UNIVERSITY OF WISCONSIN EXTENSION PUBLICATIONS RELATED TO VEGETABLE PRODUCTION. University of Wisconsin Coop Extension, Bulletin Room, College of Agriculture and Life Sciences, University of Wisconsin, Madison, WI 53706; n.d. Bulletins and circulars in folder, 70 p.

A-123 RESOURCE UNIT AGRICULTURE: THE CANNING INDUSTRY COMMERCIAL PRODUCTION OF VEGETABLE CROPS. VoAg Pilot Program, University of Wisconsin, River Falls, Bureau for Career and Manpwer Development, Wisconsin Department of Public Instruction, Madison, WI 53706; 1971. 14 p.

A-756 CORN INSECTS AND THEIR CONTROL. VAS 4040a. By R.L. Courson. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 20 p. $.35.

A-757 MINIMUM TILLAGE. VAS 4041. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-758 STORING AND DRYING CORN. VAS 4044. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-759 IMPROVING PERMANENT PASTURES. VAS 4014. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-760 GROWING RED CLOVER. VAS 4015. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-761 PRODUCING HIGH ALFALFA YIELDS. VAS 4032a. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 20 p. $.35.

A-762 INNOCULATION OF LEGUMES. VAS 4022. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 4 p. $.10.

A-765 CONTROLLING WEEDS. VAS 4042a. By R.L. Courson. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 16 p. $.25.

A-766 CONTROLLING GIANT FOXTAIL. VAS 4037. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 4 p. $.10.

A-850 TILLAGE SYSTEMS. By Clarence R. Fridline. The Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1974 55 p. $2.00.

01.0102 PLANT SCIENCE/350 OCCUPATIONS

A-124 A CURRICULUM GUIDE FOR CAREERS IN PLANT PRODUCTION. Harold L. Mailman, ed. State of Maine Department of Educational and Cultural Services, Bureau of Vocational Education, Augusta, MA 04330; 1973. 34 p.

A-708 CAREER GUIDE IN PLANT PHYSIOLOGY. American Society of Plant Physiologists, Washington, D.C.; n.d. (9) p.

A-717 PLANT SCIENTIST. California Occupational Guide no. 315. California Employment Development Department, Sacramento, CA; 1971. 4 p.

01.0103 FARM MECHANICS SEE 01.03 AGRICULTURAL MECHANICS

01.0104 FARM BUSINESS MANAGEMENT/020 ADMINISTRATION

A-737 INTRODUCTION TO AGRI-BUSINESS MANAGEMENT. By Walter J. Wills. The Interstate Printers and Publishers, Danville, IL 61832; 1973. 127 p. $6.95.

01.0104 FARM BUSINESS MANAGEMENT/050 AUDIOVISUAL MATERIALS AND METHODS

A-126 WHAT RECORDS TELL ABOUT THIS FARM. Slidefilm 357A. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Color filmstrip; 65 frames. $3.60.

A-127 PROFIT PROSPECTS FOR CATTLE FEEDING. Slidefilm 376. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. Color filmstrip; 64 frames. $3.55.

A-128 PLAN THE LAND-USE PROGRAM AND ESTIMATE CROP PRODUCTION. Slidefilm 371-65. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. Filmstrip; 39 frames. $1.05.

A-129 THE ILLINOIS CROP-SHARE CASH FARM LEASE. Slidefilm 340-65. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. Filmstrip; 65 frames. $1.40.

A-130 AGRICULTURAL CHARTS. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 51 visuals. $1.40. Agricultural economics visuals.

A-780 INCREASING EARNINGS THROUGH FARM RECORDS. 353A. Vocational Agricultural Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 35mm filmstrip; 54 frames, col. $4.45.

01.0104 FARM BUSINESS MANAGEMENT/110 CURRICULUM

A-131 FARM MANAGEMENT: FINANCIAL PLANNING, CAPITAL AND CREDIT. By Charles Wootton. AgEd Department, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1972. 18 p. Curriculum Material for Adult Education.

A-133 A GUIDE FOR PROVIDING INSTRUCTION IN AGRICULTURAL BUSINESS OPERATION AND MANAGEMENT. Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; 1964. 32 p.

A-134 FARM MANAGEMENT STUDIES FOR THE HIGH SCHOOL PUPIL. By Charles Painter. Austin Area Vocational Technical School, Austin, MN 55912; 1971. 111 p.

A-135 CURRICULUM GUIDE IN FARM BUSINESS MANAGEMENT. Department of AgEd, Iowa State University and Iowa Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 32 p.

A-517 MAKING MANAGEMENT DECISIONS USING FARM RECORDS: A HANDBOOK FOR ADULT FARMERS. Department of Agricultural Education, College of Agriculture, The Pennsylvania State University, University Park, Pennsylvania and Bureau of Vocational and Technical Education, Department of Public Instruction, Harrisburg, PA; n.d. 75 p.

A-582* BEEF MARKETING: A TEACHER'S UNIT PLAN. By R. Gene Daugherty. The Pennsylvania State University College of Agriculture, Agricultural Experiment Station, Department of Agricultural Education, University Park and Department of Public Instruction, Harrisburg in cooperation with the Pennsylvania Young Farmer Association, Union Stock Yard, Lancaster and Lancaster Livestock Exchange; 1965. 20 p.

A-598 TAKING THE FARM INVENTORY: A PROGRAMMED UNIT OF INSTRUCTION. By Frederick K. Tom, Donald Burgett and James A. Scanlon. New York State College of Agriculture, a Statutory College of the State University, at Cornell University, Ithaca, NY; n.d. 24 p.

A-599 OFFICE PROCEDURES USED IN AGRICULTURAL SERVICES: TEST AND ANSWER SUPPLEMENT. By Harry Plank and Norman Bloss. The Ohio Agricultural Education Curriculum Materials Service, Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University; rev. 1973. 65 p.

A-602* BUSINESS PROCEDURES AND RECORDS. Agricultural Education Service, State Department of Education, Department of Agriculture Education, The Ohio State University; 1971. 101 p.

A-603 BUSINESS MONEY MANAGEMENT. Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University; 1971. 96 p.

A-605 FARM BUSINESS PLANNING AND ANALYSIS FILING SYSTEM. Department of Agricultural Education, The Ohio State University and Agricultural Education Service, Ohio Department of Education, Columbus, OH; rev. 1971. 10 p.

A-609 HUMAN RELATIONS IN BUSINESS. Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University; n.d. 69 p.

A-610 ADVERTISING AND PROMOTION. Agricultural Education Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1971. 34 p.

A-611 SELLING AND SALESMANSHIP: EVERYONE ENGAGED IN EARNING A LIVING HAS SOMETHING TO SELL. Agricultural Education Service, State Department of Education and Department of Agricultural Education, The Ohio State University; 1971. 32 p.

A-652* A GUIDE FOR DEVELOPING THE INSTRUCTIONAL PROGRAM IN FARM MANAGEMENT. By G. Donavan Coil. Illinois Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, 405 Centennial Building, Springfield, IL 62706; n.d. 19 p.

A-808 FARM MANAGEMENT EDUCATION RECORD ANALYSIS SYSTEMS RESEARCH AND DEVELOPMENT PROJECT. Final Report. Donald Priebe, Project Director. State Board for Vocational Education, 900 East Boulevard, Bismarck, ND 58501; 1973. 43 p.

01.0104 FARM BUSINESS MANAGEMENT/220 FINANCE

A-163 MINNESOTA FARM ACCOUNT BOOK. 4th ed. By T.R. Nodland, et al. Department of Agricultural and Applied Economics, Institute of Agriculture, Forestry and Home Economics, University of Minnesota, Minneapolis, MN; 1974. 2 v. CONTENTS: 1. Minnesota farm account book.-2. Sample farm III: farm accounting problem for use with the Minnesota farm account book.

A-807 FARM AND FAMILY FINANCIAL BUDGET FORMS. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; n.d. 6 form sheets.

01.0104 FARM BUSINESS MANAGEMENT/270 INSTRUCTION

A-141 PROBLEM ILLUSTRATION FOR PLANNING YOUR FARM BUSINESS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 11 p. $.10.

A-143 PLANNING FOR REPAYMENT OF LOANS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 16 p. $.20.

A-144 KEEPING RECORDS OF THE SUPERVISED FARMING PROGRAM, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 28 p. $.35.

A-145 INVENTORY YOUR RESOURCES FOR FARM PLANNING. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.15.

A-146 APPRAISING FARM BUILDING, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 24 p. $.30.

A-147 DETERMINING CREDIT NEEDS ON THE FARM, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 12 p. $.15.

A-150 FARM BUSINESS MANAGEMENT REPORT AND INDIVIDUAL FARM BUSINESS ANALYSIS. Agri-Industry Education Department Area Vocational Technical School Independent School District 742, St. Cloud, MN 56301; 1973. 48 p. $.35.

A-151 USING FARM ANALYSIS INFORMATION. By Charles M. Painter. Austin Area Vocational Technical School, Austin, MN 55912; 1972. 73 p.

A-152 KEY FOR THE MINNESOTA FARM ACCOUNT BOOK SAMPLE FARM II ACCOUNTING PROBLEM. By Donald Walker. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1972. 88 p. $1.75.

A-153 CHANGES OCCURING IN HOG MARKETING. By E.E. Broadbent. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; 1973. 16 p.

A-154 FACTORS INVOLVED IN THE BORROWING PROCESS. By J.H. Herbst. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; 1973. 8 p.

A-155 USING FARM REAL ESTATE LOANS. By J.H. Herbst. Vocational Agriculture, College of Agriculture, University of Illinois, Urbana, IL 61801; 1973. 8 p.

A-156 LAW FOR THE FARMER. By N.G.P. Krausz. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; 1973. 24 p.

A-157 USING THE FARM RECORD BOOK: RECORD KEEPING INSTRUCTIONS. By John Myer. Coordinating Council for Occupational Education, 216 Old Capitol Building, Olympia, WA 98504; 1973. 22 p.

A-158 A FARM RECORD PROBLEM. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; 1973. 8 p.

A-159 STANDARDS FOR MEASURES OF EFFICIENCY FOR 1973. By J.H. Herbst. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; 1973. 6 p.

A-160 KEEPING FARM RECORDS FOR ANALYSIS. By Charles M. Painter. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1973. 48 p. $1.00.

A-161 SOUTHEASTERN MINNESOTA 1973 ANNUAL REPORT: VOCATIONAL AGRICULTURE FARM MANAGEMENT ANALYSIS. Donald Walker, coordinator. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479. 46 p. $.50.

A-162 THE FARM AND HOME OFFICE AND FILING SYSTEM. By Donald Walker. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1967. 7 p. $.25.

A-165 THE NEW WORTH STATEMENT. By Donald Walker. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1969. 12 p. $.25.

A-167 DOCUMENTATION FOR FARM BUSINESS RECORD ANALYSIS. 3rd ed. By Edgar Persons. Minnesota Instructional Materials Center, 3300 Century Avenue, North, White Bear Lake, MN 55110; 1974. 85 p.

A-168 ADDENDUM TO DOCUMENTATION FOR FARM BUSINESS RECORD ANALYSIS. 2nd ed. By Edgar Persons. Minnesota Vocational Materials Center, Area Vo-Tech Institude, Staples, MN 56479; 1973. 39 p. $.50.

A-169 STORAGE CAPACITY TABLES FOR MINNESOTA FARM MANAGEMENT PROGRAM. By John Thell, et al. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1971. 10 p. $.20.

A-170 SELECTED PROBLEMS IN FARM MANAGEMENT. Minnesota Voc-Tech Instructors Association, Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1973. 36 p. $.35. To be used with Farm Management Studies for the High School Student by Charles Painter.

A-768 THE MECHANICS OF LAND TRANSFER. VAS 2017. By C.L. Stewart and S.W. Voelker. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20. Adapted from the author's "Mechanics of Land Transfer," in Land, the 1958 USDA Yearbook of Agriculture.

A-769 CUSTOMER CREDIT MANAGEMENT IN AGRICULTURAL BUSINESS. VAS 6008. By B.L. Brooks. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-770 AGRICULTURAL CREDIT INSTRUMENTS. VAS 6007. By J.H. Herbst and R.N. Corley. Vocational Agricultural Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-777 ESTATE PLANNING PACKET. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1962-72. Assorted brochures and pamphlets. $2.50. CONTENTS: Inheritance and gift taxes on Illinois farm property.-Partnerships in the farm business.-Illinois Inheritance Laws: wills and joint tenancy.-The farm partnership in estate planning.-Corporations in the farm business.-Installment land contracts for farmland.-Family planning of titles and taxes in the transfer of farm property.-Your family and life insurance.-Father-son farm operating agreements.-Farm property and trusts.-Wills: their importance and why you should have one.-Farm estate record.-Lifetime gifts should be part of your estate planning.-Intergeneration farm transfer plans discussion guide.-Federal estate tax.-Illinois inheritance tax.-Estate planning: a source unit for adult education in agricultural occupations.

01.0199 AGRICULTURAL PRODUCTION, OTHER/ 270 INSTRUCTION

A-24 APPROVED PRACTICES FOR BEEF, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 4 p. $.05.

A-25 APPROVED PRACTICES FOR DAIRY, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 6 p. $.05.

A-26 APPROVED PRACTICES FOR SHEEP, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 4 p. $.05.

A-27 APPROVED PRACTICES FOR SWINE, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 4 p. $.05.

A-771 WHAT FACTORS AFFECT PRICES OF AGRICULTURAL PRODUCTS? VAS 6009. By R.M. Ieuthold. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

01.02 AGRICULTURAL SUPPLIES/SERVICES 110 CURRICULUM

A-171 CAREER PREPARATION IN AGRICULTURAL SUPPLIES AND SERVICES: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Lab in Agriculutre Education, Ohio State University, Columbus, OH 43210; 1974. 208 p. $4.00.

A-172 AGRICULTURAL COOPERATIVES - CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION. By J.D. Oliver. Agricultural Education Division, Department of Education, Virginia Polytechnic Institute, Blacksburg, VA 24061; n.d. 30 p.

A-173 A GUIDE FOR TEACHING AGRICULTURAL SUPPLIES/ SERVICES. By Jasper S. Lee, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 30 p.

A-175 CURRICULUM GUIDE IN AGRICULTURAL SUPPLIES AND SERVICES. Department of AgEd, Iowa State University and Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 36 p.

A-176 A GUIDE FOR PROVIDING INSTRUCTION IN AGRICULTURAL SALES AND SERVICES. Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; 1972. 28 p.

A-649* GRAIN, FEED, SEED AND FARM SUPPLY: SUGGESTED GUIDE FOR TWO YEAR POST SECONDARY PROGRAM. State of Illinois, Agriculture Occupations Service, Board of Vocational Education and Rehabilitation, Vocational and Technical Education Division, 405 Centennial Building, Springfield, IL 62706; n.d. 40 p.

A-650* GRAIN, FEED, SEED, AND FARM SUPPLY TECHNOLOGY: A SUGGESTED 2-YEAR POST HIGH SCHOOL CURRICULUM. U.S. Government Printing Office, Washington D.C. 20402. 185 p. $1.50.

A-519 AGRICULTURAL SUPPLIES, SPECIALIZED STUDY, 11TH AND 12TH GRADES: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agricultural Education Service, Montgomery, AL; n.d. 154 p.

A-815 PROGRAM PLANNING GUIDE IN AGRICULTURE SUPPLIES AND SERVICES. By Richard Welton and Michael Marks. Agriculture Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 100 p.

A-816 CURRICULUM GUIDE: AGRICULTURAL SUPPLIES AND SERVICES. Iowa Department of Public Instruction, Career Education Division, Grimes State Office Building, Des Moines, IA 50319; 1973. 36 p.

01.02 AGRICULTURAL SUPPLIES/SERVICES 270 INSTRUCTION

A-852 COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS. By J.H. Lintner. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1973. 10 v. in 1. $3.50. CONTENTS: 1. Students look at cooperatives in their daily lives.-2. Students look at cooperatives as they may affect their lives ten years hence.-3. How are cooperatives organized?-4. Are Rochdale principles applicable in today's cooperatives?-5. What are cooperatives members' responsibilities?-6. Should I serve as a director or officer of a cooperative?-7. The manager's role and responsibility in a successful cooperative.-8. The legal basis for cooperatives.-9.How should cooperatives be taxed?-10. Discovering problems in cooperative operations and taking appropriate action.

01.02 AGRICULTURAL SUPPLIES/SERVICES 350 OCCUPATIONS

A-178 JOB ANALYSIS FOR INSTRUCTIONAL BEHAVIORAL OBJECTIVES FOR THE GRAIN, FEED AND AG-CHEMICALS OCCUPATIONS. Gilbert A. Long, ed. Utah State University, Logan, UT 84321; 1974. 23 p.

01.0201 AGRICULTURAL CHEMICALS/050 AUDIOVISUAL MATERIALS AND METHODS

A-179 CALIBRATING FIELD SPRAYERS. Slidefilm 442. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Color filmstrip; 57 frames. $3.25.

A-180 CALIBRATING A GRANULAR APPLICATOR. Slidefilm 443. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Color filmstrip; 32 frames. $2.55.

A-183 USING PRE-EMERGENCE HERBICIDES. Slidefilm 797. Vocational Agricultural Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. Color filmstrip; 45 frames. $2.95.

A-184 WEED CONTROL (PLANT AND SOIL SCIENCE VISUALS). Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. 36 visual masters. $1.00.

A-696* INSTRODUCTION TO PRINCIPLES OF INSECT CONTROL: UNIT IX. n.p.; n.d. Cassette.

A-817 AGRICULTURAL CHEMICAL SAFETY: A GUIDE TO SAFE HANDLING OF PESTICIDES. TRANSPARENCY MASTERS AND SCRIPT. State Department of Education, Agribusiness Education Service, Montgomery, AL 36104; 1975. 20 masters.

01.0201 AGRICULTURAL CHEMICALS/110 CURRICULUM

A-45 IMPORTANCE OF HERBICIDE AND CONTROL PRACTICES FOR CORN: SYNOPSIS OF THE SIX ETV LESSONS ON AGRICULTURAL CHEMICALS - HERBICIDES. By Reid Mackey. Virginia Polytechnic Institute, Blacksburg, VA 24061; n.d. 5 p.

A-187 AGRICULTURAL CHEMICALS: HERBICIDES - CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION. Gary L. Cockram, ed. AgEd, Department of Education, Department of Plant Pathology and Physiology and the Coop Extension Service, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1970. 127 p.

A-725* CHEMICAL AND ENVIRONMENTAL TECHNOLOGY. By Harry Sheather. Vocational-Technical Curriculum Laboratory, Rutgers - The State University, Building 4103, Kilmer Campus, New Brunswick, NJ; 1975. 125 p.

A-879 AGRICULTURAL CHEMICALS SALES AND SERVICEMAN. By James P. Jones and Lewis J. Rosprim. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968? 1 v. (various pagings). $10.60.

01.0201 AGRICULTURAL CHEMICALS/270 INSTRUCTION

A-189 UNIVERSITY OF WISCONSIN EXTENSION BULLETINS RELATED TO CROP DISEASES AND PEST CONTROL. Bulletin Room, College of Agriculture and Life Sciences, University of Wisconsin-Madison 53706; n.d. Pamphlets in folder.

01.0202 FEEDS/140 EDUCATION

A-682 AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURE: FEED SALES AND SERVICEMAN. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 300 p.

01.0202 FEEDS/270 INSTRUCTION

A-190 UREA AS A RUMINANT SUPPLEMENT, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 8 p. $.10.

A-191 SILAGE AS AN ANIMAL FEED, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 8 p. $.10.

A-192 FEED ADDITIVES, STUDENT'S GUIDE. Vocational Agirculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 8 p. $.10.

01.0203 SEEDS/050 AUDIO VISUAL MATERIALS AND METHODS

A-193 SEED QUALITY - A MAJOR FACTOR IN CROP YIELDS. Slidefilm 796. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. Color filmstrip; 39 frames. $2.75.

01.0203 SEEDS/110 CURRICULUM

A-880 SEED SALES AND SERVICE EMPLOYEE. By Leroy Goodson and Thomas Abercrombie. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968, 1970. 1 v. (various pagings). $8.40.

01.0204 FERTILIZERS (PLANT FOOD)/140 EDUCATION

A-587 AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURE: FERTILIZER SALES AND SERVICEMAN. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 200 p.

01.0299 AGRICULTURAL SUPPLIES/SERVICES, OTHER 110 CURRICULUM

A-198 CONTROL OF WILDLIFE PESTS - CURRICULUM MATERIAL FOR ADULT EDUCATION. By Albert Carter. AgEd, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 13 p.

A-199 CONTROLLING DAMAGE CAUSED BY BIRDS. By Claire Nichols. AgEd, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 12 p.

01.0299 AGRICULTURAL SUPPLIES/SERVICES, OTHER 350 OCCUPATIONS

A-715 AGRICULTURAL AIRCRAFT PILOT. California Occupational Guide No. 290. California Department of Human Resources Development, Employment Data and Research, Sacramento, CA; 1972. 4 p.

01.03 AGRICULTURAL MECHANICS/050 AUDIOVISUAL MATERIALS AND METHODS

A-576* AGRICULTURAL MECHANICS SAFETY TRANSPARENCIES 870/70. Vocational Education Media Center, Clemson University, Clemson SC 29631; n.d. 50 transparencies.

A-621 COMBINES: PRINCIPLES OF OPERATION. By Delbert N. Byg and Harlan E. Ridenour. Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1968. 39 color slides in carousel, script.

A-640* AUDIOVISUAL MATERIALS FOR AGRICULTURAL MECHANICS. Audio Visual Center for Occupational Education, Michigan State University; n.d. 75 p.

01.03 AGRICULTURAL MECHANICS/110 CURRICULUM

A-204 MINNESOTA PLUMBING MINI-PAK. By Winfrey Clarke and Forrest Bear. Minnesota Vocational Materials Center, Area Vo-Tech Institute, Staples, MN 56479; 1972. 49 p.

A-205 CAREER PREPARATION IN AGRICULTURAL EQUIPMENT AND MECHANICS: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Lab in Agricultural Education, Ohio State University, Columbus, OH 43210; 1974. 277 p. $4.00.

A-206 A GUIDE FOR TEACHING AGRICULTURAL MECHANICS. By Jasper S. Lee, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 38 p.

A-208 CURRICULUM GUIDE IN AGRICULTURAL MECHANICS. Department of AgEd, Iowa State University and Iowa Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1972. 40 p.

A-211 AGRICULTURAL MECHANICS I AND II. By C.C. Scarborough, et al. Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; n.d. 91 p.

A-520 ADVANCED SHOP GUIDE FOR VO-AG STUDENTS. State of Alabama, State Department of Education, Division of Vocational Education, Agricultural Education Service, Montgomery, AL; n.d. 190 p.

A-522 AGRICULTURE POWER-HYDRAULICS: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF POWER HYDRAULICS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Robert A. Ristau, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 17 p.

A-523 CONTROLS FOR AUTOMATION IN AGRICULTURE: STUDENT HANDBOOK. Teacher Education Series, vol. 832. The Pennsylvania State University, College of Agriculture, Department of Agricultural Education, University Park, PA, in cooperation with the Pennsylvania Farm Electrification Council; 1967. 90 p.

A-524 CONTROLS FOR AUTOMATION IN AGRICULTURE: TEACHER'S UNIT PLAN. The Pennsylvania State University, College of Agriculture, Department of Agricultural Education, University Park, PA, in cooperation with the Pennsylvania Farm Electrification Council; n.d. 44 p.

A-525 EQUIPMENT, SUPPLIES AND MATERIALS FOR THE AUTOMATIC CONTROLS TEACHING UNIT FOR HIGH SCHOOL AGRICULTURE. Agricultural Education Department. The Pennsylvania State University; n.d. 6 p.

A-526 GENERAL SHOP GUIDE FOR VO-AG STUDENTS. State Department of Education, Vocational Division, Agribusiness Education Service, Montgomery, AL; n.d. 179 p.

A-527 HYDRAULICS: A LEARNING ACTIVITY PAC FOR TEACHING BASIC PRINCIPLES OF HYDRAULICS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 75 p.

A-528 MATERIALS HANDLING: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF MATERIALS HANDLING IN AGRICULTURE EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 12 p.

A-529 READING THE MICROMETER: TEACHER INFORMATION. n.p.; n.d. 7 p with 2 transparencies.

A-530 SMALL GASOLINE ENGINES: STUDENT HANDBOOK. The Pennsylvania State University, College of Agricultural, Department of Agricultural Education, University Park, PA 16802; n.d. 185 p.

A-531 AGRIBUSINESS METALWORKING, SPECIALIZED STUDY, 11TH AND 12TH GRADES, STUDENT STUDY GUIDE. State Department of Education, Vocational Division, Agricultural Education Service, Montgomery, AL; n.d. 134 p. $1.00.

A-532 GENERAL AGRICULTURAL MECHANICS: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agricultrual Education Service, Montgomery, AL; n.d. 189 p. $1.00.

A-533 SUGGESTED LESSON PLANS FOR GASOLINE ENGINES IN VOCATIONAL AGRICULTURE. By L.C. Dalton and Joe A. Richardson. n.p.; n.d. 8 p.

A-607 COMBINES AND COMBINING. Agriculture Education Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1970. 105 p. Includes test and answer sheet.

A-608 MOWERS. By Raymond S. Rickly, et al. Ohio Agricultural Education Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1966. 58 p.

A-633 FUELS AND LUBRICANTS: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By John Crowder and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 41 p.

A-635 OPERATING AND SERVICING FARM TRACTORS: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By L.C. Skaggs and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 54 p.

A-636 PLUMBING: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By Danny Montgomery and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 50 p.

A-637 FARM CONCRETE AND MASONRY: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By William White and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 87 p.

A-672* SKILL SHEETS FOR AGRICULTURAL MACHINERY. By Thomas A. Hoernor. Agricultural Engineering Department, Iowa State University; disseminated in the State of Illinois by Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, 1035 Outer Park Drive, Springfield, IL 62706; 1972. 20 p.

A-676* VOCATIONAL AGRICULTURE TRAINING PROGRAM: SAFE TRACTOR OPERATION; SAFE FARM MACHINERY OPERATION. By Frank Bobbitt and Howard Dodd. Michigan State University, Bulletin Office, P.O. Box 231, East Lansing, MI 48823; n.d. 67 p. $1.50.

A-692 BASIC HYDRAULICS FOR FARM MACHINERY. By Marion Kimmons, et al. Instructional Materials Laboratory, College of Education, in cooperation with the College of Agriculture, University of Missouri, Columbia, and Division of Career and Adult Education, State Department of Education, Jefferson City, MO 65101; 1973. 57 p. $2.00.

A-811** PROGRAM PLANNING GUIDE IN AGRICULTURAL MECHANICS. By Benton K. Bristol. Agriculture Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 162 p.

A-813 AGRIBUSINESS AND NATURAL RESOURCES EDUCATION PROGRAM PLANNING GUIDE: AGRICULTURAL MECHANICS. Bulletin 77F-13. Florida Department of Education, Tallahassee, FL 32304; 1975. 51 p.

A-853 OHIO AGRICULTURAL INDUSTRIAL EQUIPMENT AND SERVICES CURRICULUM GUIDE. By Max Cook, et al. Ohio Agricultural Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; n.d. 129 p. $3.00.

01.03 AGRICULTURAL MECHANICS/140 EDUCATION

A-583* AGRICULTURAL MACHINERY EQUIPMENT. Vocational Instructional Materials, Texas A & M University, College Station, TX 77843; n.d. 200 p.

01.03 AGRICULTURAL MECHANICS/210 FACILITIES

A-213 VOCATIONAL AGRICULTURE FACILITIES: A GUIDE FOR PLANNERS OF VOCATIONAL AGRICULTURE MECHANICS LABORATORIES. Vocational Education Division, Office of Instructional Services, Georgia Department of Education, Atlanta, GA 30334; 1969. 15 p.

01.03 AGRICULTURAL MECHANICS/250 HEALTH AND SAFETY

A-214 SAFETY UNITS - AGRICULTURAL MECHANICS. Departments of Ag Eng and Ag Ed, University of Minnesota, St. Paul, Bulletin Room, AEAE, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. 13 safety units, 3-9 pages each. $1.50-$4.00/unit.

01.03 AGRICULTURE MECHANICS/270 INSTRUCTION

A-215 MECHANICS MATERIALS HANDLING - RESOURCE UNIT AGRICULTURE. Pilot Program Workshop in Vo-Ag, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1972. 11 p.

A-216 GENERAL SHOP COMPETENCIES IN VOCATIONAL AGRICULTURE FOR 9TH AND 10TH GRADE CLASSES. By Ronald Novotny, Robert Johnson and Frank Stuckey. State Supervisor of Ag Ed, State Department of Education, St. Paul, MN 55101; 1973. 18 p.

A-217 RESOURCE UNIT AGRICULTURE - MECHANICS CONCEPTS. VoAg Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 26 p.

A-218 RESOURCE UNIT AGRICULTURE - MECHANICS CONCEPTS, PART II. Vo-Ag Pilot Program Workshop, University of Wisconsin, Madison; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1973. 25 p.

A-219 A GUIDE TO THE METRIC SYSTEM. By Gary G. Hansen. Purdue University, Lafayette, IN 46207; 1972. 15 p.

01.03 AGRICULTURAL MECHANICS/320 LIBRARY MATERIALS

A-730* SELECTED REFERENCES AND AIDS FOR TEACHING AGRICULTURAL MECHANICS TO STUDENTS OF AGRICULTURAL EDUCATION. AM-7. By April Mazzucco. Agricultural Education, College, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, in cooperation with State Department of Education, Richmond, VA 23216; 1975. 51 p.

01.03 AGRICULTURAL MECHANICS/350 OCCUPATIONS

A-220 CAREERS IN AGRICULTURAL ENGINEERING. Department of Agricultural Engineering, University of Wisconsin, Madison, WI 53706; n.d. Pamphlets.

A-221 CAREER LEAFLETS ON AG ENGINEERING. American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085; n.d. 13 leaflets, 1-14 p. each.

A-534 JOB BREAKDOWNS FOR FARM MECHANICS INSTRUCTION IN VOCATIONAL AGRICULTURE. By Leon Wagley and J. Bradley Houston. Vocational Education, Division of Agriculture, 130 South Capital Street, Room 151, Santa Fe, NM 87501; n.d. 50 p.

A-716 FARM EQUIPMENT MECHANIC. California Occupational Guide No. 302. California Employment Development Department, Sacramento, CA; 1974. 3 p.

A-721 AGRICULTURAL ENGINEER. California Occupational Guide No. 426. California Employment Development Department, Sacramento? CA; 1975. 2 p.

01.0301 AGRICULTURAL POWER AND MACHINERY/110 CURRICULUM

A-223 AGRICULTURAL MECHANICS TEACHING AIDS. By Forrest Bear, et al. Bulletin Room, AEAE, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. 18 booklets, 15-40 pages each. $5.00-$15.00.

A-252 HYDRAULICS: LEARNING ACTIVITY PAC AGRICULTURE. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; State Department of Public Instruction, 126 Langdon Street, Madison, WI 53702; 1972. 33 p.

A-537 HANDBOOK ON THE OPERATION AND SAFE USE OF POWER EQUIPMENT FOR VO-AG STUDENTS. Agricultural Education Department, North Dakota State University of Agriculture and Applied Science; 1968. 18 p.

A-538 SALES AND SERVICE-TRACTORS TILLAGE EQUIPMENT: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF SALES AND SERVICE-TRACTORS-TILLAGE EQUIPMENT IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 29 p.

A-539 AGRIBUSINESS POWER MECHANICS SPECIALIZED STUDY, 11TH AND 12TH GRADES: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agribusiness Education Service, Montgomery, AL; n.d. 167 p.

A-540 SUGGESTED LESSON PLANS FOR OXYACETYLENE IN VOCATIONAL AGRICULTURE. By C.W. Morrison. Agricultural Education, University Park, NM; n.d. 5 p.

A-592 LESSON PLANS FOR PRE-EMPLOYMENT LABORATORY TRAINING IN AGRICULTURAL MACHINERY SERVICE AND REPAIR. By Lester Buford. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1971? 1 v. (various pagings).

A-634 HYDRAULICS: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By James Woodrow and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 78 p.

A-638* AGRICULTURAL MACHINERY TEACHING MATERIALS FROM JOHN DEERE. John Deere Service Publications, Department F., John Deere Road, Moline, IL 61265; 11 p.

A-646* FMO: FUNDAMENTALS OF MACHINE OPERATION, AGRICULTURAL MACHINERY SAFETY. Deere and Company, Moline, IL 61265; c1974. 334 p.

A-812 SOURCE UNIT IN SMALL GASOLINE ENGINES. By Gary A. Hodgson. Colorado State University, Department of Vocational Education, Agricultural Education Division, Fort Collins, CO 80523; 1975. 1 v. (unpaged).

01.0301 AGRICULTURAL POWER AND MACHINERY/ 270 INSTRUCTION

A-225 TIRES FOR FARM EQUIPMENT, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 20 p. $.25.

A-226 THE STORAGE BATTERY, STUDENT'S GUIDE. Vocational Agriculture Service, University Of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 32 p. $.40.

A-227 SMALL ENGINES - REPAIR AND OVERHAUL, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 20 p. $.25.

A-228 SAFETY IN THE AGRICULTURAL MECHANIC SHOPS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 24 p. $.30.

A-229 THE PLANTER - SELECTION, ADJUSTMENT, MAINTENANCE AND USE, STUDENT'S GUIDE. Vocational Agricultural Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 40 p. $.50.

A-230 THE ENGINE COOLING SYSTEM, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 24 p. $.30.

A-232 FARM TRACTORS FOR AGRIBUSINESS, NATURAL RESOURCES, AND ENVIRONMENTAL OCCUPATIONS. By Luther B. Severtson, Mildred Engelbretson and Darrel Hartle. Departments of Agriculture Engineering and Education, University of Minnesota, St. Paul, MN 55101; n.d. 13 p.

A-233 AGRICULTURAL MACHINERY FOR AGRIBUSINESS, NATURAL RESOURCES AND ENVIRONMENTAL OCCUPATIONS. By John Wright, Dwayne Eisfeld and John Ginter. Department of Ag Engineering and Education, University of Minnesota, St. Paul, MN 55101; 1973. 24 p.

A-234 SMALL GASOLINE ENGINES - OPERATION AND MAINTENANCE. By Harry J. Hoerner, Donald L. Ahrens and W. Forrest Bear. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1973. 86 p.

A-235 MACHINERY - ONE-PAGE WORK SHEETS. Departments of Ag Eng and Ag Ed, Institute of Agriculture, St. Paul, Minnesota; Bulletin Room, AEAE, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. 26 one-page worksheets. $.85 per 25-sheet pad.

A-236 FARM FIELD MACHINERY. By Marshall F. Finner. American Printing and Publishing, Inc., 2909 Syene Road, Madison, WI 53713; 1973. 226 p. $4.95.

A-237 SMALL ENGINES - ONE PAGE PROJECT PLANS. Departments of Ag Eng and Ag Ed, Institute of Agriculture, St. Paul; Bulletin Room AEAE, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. 16 one-page project plans. $.75 per 25-sheet pad.

A-238 SMALL ENGINES, VOLUME I: CARE AND OPERATION. Howard J. Turner, ed. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1971. 158 p. $6.25.

A-239 SMALL ENGINES, VOLUME 2: MAINTENANCE AND REPAIR. Howard J. Turner, ed. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1971. 208 p. $8.95.

A-240 SELECTING AND MAINTAINING FIELD MOWERS. By Howard J. Turner, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1966. 124 p. $4.25.

A-241 UNDERSTANDING AND MEASURING HORSEPOWER: MOTORS, ENGINES, TRACTORS. By Harold W. Parady, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1969. 72 p. $3.55.

A-242 BALL AND ROLLER BEARINGS. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; n.d. 27 p. $.95.

A-243 THE TRACTOR ELECTRICAL SYSTEM. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; n.d. 58 p. $2.45.

A-244 TRACTOR MAINTENANCE - PRINCIPLES AND PROCEDURES. By G.E. Henderson and Howard J. Turner. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30601; revised 1970. 152 p.

A-245 TRACTOR OPERATION AND DAILY CARE. By J.M. Fore. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30601; 1970. 120 p. $3.43.

A-246 FARM TRACTOR TUNE-UP AND SERVICE SPECIFICATIONS. By Howard J. Turner. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30601; 1972. 29 p. $4.20.

A-247 FUELS AND LUBRICANTS SELECTING AND STORING. By Harold W. Parady and Thomas S. Colvin. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 20601; 1973. 55 p. $2.95.

A-751 PREVENTING TRACTOR OVERTURNS. VAS 3040. By R.F. Espenschied. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 20 p. $.35.

A-868 TRACTOR HYDRAULICS. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; n.d. 45 p. $1.85.

A-869 TRACTOR TRANSMISSIONS. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; n.d. 25 p. $1.45.

01.0301 AGRICULTURAL POWER AND MACHINERY 460 RESOURCES

A-248 OVERHAUL MANUAL - MODEL USX CARBURETOR. Marvel-Schelder Products Division, Borg-Warner Corporation, Decatur, IL 60625; n.d. 14 p.

A-249 AGRICULTURAL AND INDUSTRIAL MASTER PRICE SCHEDULE - CARBURETORS AND PARTS. Marvel-Schebler Products Division, Borg-Warner Corporation, Decatur, IL 60625; n.d. 16 p.

A-250 SERVICE MANUAL FOR MARVEL-SCHEBLER TRACTOR AND INDUSTRIAL CARBURETORS - DLTX AND TSX. Marvel-Schebler Products Division, Borg-Warner Corporation, Decatur, IL 60625; n.d. 22 p.

A-251 SERVICE MANUAL FOR MARVEL-SCHEBLER CARBURETORS MODEL VHD. Marvel-Schebler Products Division, Borg-Warner Corporation, Decatur, IL 60625; n.d. 14 p.

A-253 RESOURCE UNIT AGRICULTURE - MACHINERY MAINTENANCE AGRICULTURE SALES AND SERVICE. VoAg Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1972. 29 p.

A-254 RESOURCE UNIT - AGRICULTURE POWER HYDRAULICS. VoAg Pilot Program Workshop, University of Wisconsin, River Falls, Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1971. 14 p.

01.0302 AGRICULTURAL STRUCTURES AND CONVENIENCES/050 AUDIOVISUAL MATERIALS AND METHODS

A-255 PLANNING MACHINERY PROTECTION. American Association for Vocational and Instructional Materials, Engineering Center, Athens, GA 30602; Transparencies. 35 p.

01.0302 AGRICULTURAL STRUCTURES AND CONVENIENCES/110 CURRICULUM

A-256 QUALITY CONCRETE. By Thomas Hoerner and Forrest W. Bear. Hobar Publications, 1305 Tillar Lane, St. Paul, MN 55112; 1971. 36 p. $1.60. Course of study for Vocational Agriculture. Bulletin 164.

A-571 AGRIBUSINESS WOODWORKING: SPECIALIZED STUDY, 11TH AND 12TH GRADES: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agricultural Education Service, Montgomery, AL; n.d. 146 p. $1.00.

01.0302 AGRICULTURAL STRUCTURES AND CONVENIENCES/270 INSTRUCTION

A-257 PLANNING A FARM SHOP LAYOUT. By G. Henderson, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30603; 1965. 45 p. $1.80.

A-260 PLANNING MACHINERY PROTECTION. By Wallace G. Giles, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1968. 40 p. $1.70.

A-261 FARM ANIMAL WASTE MANAGEMENT WORKSHOP. By James C. Converse. Agricultural Engineering Department, University of Wisconsin, Madison, WI 53706; July 12-13, 1972. 150 p.

A-262 PAMPHLETS FROM AMERICAN PLYWOOD ASSOCIATION. American Plywood Association, 1119 A. Street, Tacoma, WA 98401; n.d. 9 pamphlets, 1-54 pages.

A-263 MINI-PAK FENCING. MUAIA District High School, South, Committee and Agriculture Engineering Department, University of Minnesota, St. Paul, MN 55101; n.d. 31 p.

A-264 MATERIALS HANDLING AND STRUCTURES FOR AGRICULTURAL BUSINESS, NATURAL RESOURCES, AND ENVIRONMENTAL OCCUPATIONS. By Dennis Finstad, Brian Kosel and Allen Dahlen. Department of Agriculture Engineering and Education, University of Minnesota, St. Paul, MN 55101; n.d. 21 p.

A-265 FARMSTEAD PLANNING SWINE MANUAL. Agricultural Building Products Department, Granite City Steel Company, Granite City, IL 62040; n.d. 24 p.

A-266 FARMSTEAD PLANNING BEEF MANUAL. Agricultural Building Products Department, Granite City Steel Company, Granite City, IL 62040; n.d. 24 p.

A-267 FARMSTEAD PLANNING DAIRY MANUAL. Agricultural Building Products Department, Granite City Steel Company, Granite City, IL 62040; n.d. 24 p.

A-268 POULTRY PRODUCTION PLANNING MANUAL. Agricultural Building Products Department, Granite City Steel Company, Granite City, IL 62040; n.d. 28 p.

A-269 FARMSTEAD PLANNING BASIC MANUAL. Granite City Steel Company, Granite City, IL 62040; n.d. 24 p.

A-272 PLANNING FOR AN IRRIGATION SYSTEM. By Howard J. Turner and Carl L. Anderson. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1971. 112 p. $6.75.

01.0301 AGRICULTURAL STRUCTURES AND CONVENIENCES/460 RESOURCES

A-270 CEMENT AND CONCRETE REFERENCE CATALOG. Portland Cement Association, Old Orchard Road, Skokie, IL 60076; 1974. 36 p.

01.0303 SOIL MANAGEMENT/050 AUDIOVISUAL MATERIALS AND METHODS

A-622 KNOW YOUR LAND. By David H. Hinson. Ohio Department of Natural Resources, Division of Lands and Soil, 1500 Dublin Road, Columbus, OH 43212; n.d. 44 color slides and script.

01.0303 SOIL MANAGEMENT/110 CURRICULUM

A-683 SOIL EROSION AND SEDIMENT POLLUTION CONTROL. By R.P. Beasley, et al. Instructional Materials Laboratory, Agricultural Education, Department of Practical Arts and Vocational-Technical Education, College of Education, in cooperation with the College of Agriculture, University of Missouri, Columbia and Division of Career and Adult Education, State Department of Education, Jefferson City, MO 65101; 1973. 164 p. $7.50.

01.0304 WATER MANAGEMENT/110 CURRICULUM

A-881 IRRIGATION SALES AND SERVICEMAN. Revised. By Melvyn McFarland and Sidney Ford. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1975. 1 v. (various pagings). $7.30.

01.0304 WATER MANAGEMENT/140 EDUCATION

A-688 TRAINING REQUIREMENTS AND PERFORMANCE SPECIFICATIONS FOR: WASTEWATER TREATMENT PLANT OPERATORS. By Oliver K. Schaer. State of Washington, Coordinating Council for Occupational Education, Trade, Industrial and Technical Education, 216 Old Capitol Building, Olympia, WA 98504; 1971. 55 p. $1.00.

A-689 WASTE WATER PLAN OPERATORS MANUAL: STATE OF WASHINGTON. By Lyle Goodrich. Coordinating Council for Occupational Education, Division of Vocational Education, State of Washington; 1972. 257 p. $5.00.

A-690 WATERWORKS MANUAL - BASIC. By Dean Wagaman and Oliver K. Schaer. Coordinating Council for Occupational Education, State of Washington; 1972. 227 p. $5.00.

01.0304 WATER MANAGEMENT/270 INSTRUCTION

A-273 PLANNING FOR AN INDIVIDUAL WATER SYSTEM. By G.E. Henderson, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1973. 156 p. $5.95.

A-274 EXTENSION PUBLICATIONS RELATED TO IRRIGATION. Cooperative Extension Programs, University of Wisconsin. Bulletin Room, College of Agriculture and Life Science, Madison, WI 53706; n.d. Circulars. $2.75.

01.0305 AGRICULTURAL MECHANICS SKILLS/050 AUDIO-VISUAL MATERIALS AND METHODS

A-275 USING THE LEVEL TO STAKE OUT A BUILDING SITE. Slidefilm 439. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. B & W filmstrip; 25 frames. $.85.

A-276 USING THE LEVEL IN FARM SURVEYING. Slidefilm 438. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. B & W filmstrip; 53 frames. $1.25.

A-277 TRACTOR SAFETY. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 40 transparencies. $2.10.

A-278 THE SAFE USE AND CARE OF LADDERS. Slidefilm 497. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. B & W filmstrip; 42 frames. $1.10.

A-279 THE POWER GRINDER--HOW TO USE IT SAFELY. Slidefilm 463. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Filmstrip; 48 frames. $3.05.

A-280 THE PORTABLE ELECTRIC SAW--HOW TO USE IT SAFELY. Slidefilm 465. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Color filmstrip; 57 frames. $3.35.

A-282 LEARNING ARC WELDING SKILLS, PART 2: FLAT POSITION WELDING. Slidefilm 451-64. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Color filmstrip; 63 frames. $5.00 for set of three.

A-283 LEARNING ARC WELDING SKILLS, PART 1: PROCESS, EQUIPMENT, AND SAFETY. Slidefilm 450-64. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Color filmstrip; 45 frames. $5.00 for set of three.

A-900 SAFE USE OF POWER CHAIN SAWS. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; n.d. 42 35mm color slides, script. $16.50.

01.0305 AGRICULTURAL MECHANICS SKILLS/110 CURRICULUM

A-284 TIG AND MIG WELDING--AN ADVANCED AG MECHANICS COURSE FOR HIGH SCHOOL JUNIORS AND SENIORS. By Gerry E. Caines. Coordinating Council for Occupational Education, Olympia, WA 98504; 1973. 25 p.

01.0305 AGRICULTURAL MECHANICS SKILLS/270 INSTRUCTION

A-286 SPOT WELDING FOR AGRICULTURE MECHANICS SHOPS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 12 p. $.15.

A-293 POWER TOOL SAFETY AND OPERATION - WOODWORKING, METALWORKING, METALS AND WELDING: By Thomas A. Hoerner and Mervin D. Bettis. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1973. 96 p. $3.90.

A-294 TORQUE AND TORQUE WRENCHES. By Forrest W. Bear and Thomas A. Hoerner. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1971. 21 p. $2.00.

A-297 METAL WORK - ONE PAGE PROJECT PLANS. Departments of Agricultural Engineering and Agricultural Education, Institute of Agriculture, St. Paul, Minnesota; Bulletin Room, AEAR, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. 1 page project plan; $.85; 25 sheet pad.

A-298 VO-AG WELDING PROJECT PLANS. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; n.d. Single sheet plans (drawings).

A-748 SHARPENING HAND TOOLS. VAS 3005. Vocational Agriculture Services, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 16 p. $.25.

A-754 SOLDERING FOR HOME, FARM, AND SHOP APPLICATIONS. VAS 3027. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 24 p. $.40.

01.0305 AGRICULTURAL MECHANICS SKILLS/350 OCCUPATIONS

A-734* AN ANALYSIS OF THE HORTICULTURE EQUIPMENT AND SERVICES OCCUPATION. By Monroe Harbage and Donald L. Lechner. Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University; 1974. 315 p.

01.0305 AGRICULTURAL MECHANICS SKILLS/520 TESTS

A-810 (FARM MECHANICS SAFETY TESTS). n.p.; n.d. 8 l. CONTENTS: Suggested safety tests for students enrolled in woodworking.-Soldering and sheet metal.-Hot and cold metal work.-Oxacetylene welding.-Arc welding.-Farm machinery repair.-Answer sheet.

01.0306 AGRICULTURAL CONSTRUCTION AND MAINTENANCE/050 AUDIOVISUAL MATERIALS AND METHODS

A-299 LAYING CONCRETE MASONRY UNITS. Slidefilm 434. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. B & W Filmstrip; 54 frames. $1.25.

A-300 PLANNING AND PREPARING FOR CONCRETE MASONRY CONSTRUCTION. Slidefilm 433. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. B & W Filmstrip; 63 frames. $1.35.

A-301 SPECIAL CONCRETE MASONRY PROBLEMS. Slidefilm 435. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. B & W filmstrip; 48 frames. $1.25.

A-302 SPRAY PAINTING. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. 50 visuals. $1.35.

01.0306 AGRICULTURAL CONSTRUCTION AND MAINTENANCE/110 CURRICULUM

A-544 AGRIBUSINESS CONSTRUCTION: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agribusiness Education Service, Montgomery, AL; n.d. 144 p.

A-545 AGRIBUSINESS MASONRY, SPECIALIZED STUDY 11TH AND 12TH GRADES: STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agricultural Education Service, Montgomery, AL; n.d. 156 p. $1.00.

A-632 CONSTRUCTING WOOD AGRICULTURAL BUILDINGS: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By Paul Williams and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 29 p.

01.0306 AGRICULTURAL CONSTRUCTION AND MAINTENANCE/270 INSTRUCTION

A-303 SAWHORSE LAYOUT WITH THE FRAMING SQUARE FOR SCHOOL AND HOME WORKSHOP. By W. Forrest Bear and Thomas A. Hoerner. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1971. 8 p. $.75.

A-304 RAFTER LAYOUT WITH THE FRAMING SQUARE FOR SCHOOL AND HOME WORKSHOP. By W. Forrest Bear and Thomas A. Hoerner. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1972. 32 p. $1.50.

A-305 PLANNING PROJECT CONSTRUCTION - SKETCHING PLANS, READING PLANS. By Forrest Bear, William H. Hamilton and Arthur Mann. Hobar Publications, 1305 Tiller Lane, St. Paul, MN 55112; 1974. 50 p. $1.25.

01.0307 AGRICULTURAL ELECTRIFICATION/050 AUDIOVISUAL MATERIALS AND METHODS

A-306 IDENTIFYING ELECTRICAL WIRING ITEMS. Slidefilm 404B. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Color filmstrip; 66 frames. $3.60.

A-307 DIAGRAMMING ELECTRICAL WIRING CIRCUITS. Slidefilm 401-65. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. B & W filmstrip; 58 frames. $1.30.

A-899 FARM WIRING AND SAFETY. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 38 transparencies. $9.50.

01.0307 AGRICULTURAL ELECTRIFICATION/110 CURRICULUM

A-546 FARM ELECTRIFICATION HANDBOOK FOR TEACHERS OF VOCATIONAL AGRICULTURE. By I.C. Cowart. Louisiana Utilities Vocational Agriculture Committee in cooperation with Vocational Agriculture Section, Louisiana State Department of Education; n.d. 47 p.

A-547 AGRIBUSINESS ELECTRICITY; SPECIALIZED STUDY, 11TH AND 12TH GRADES, STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agricultural Education Service, Montgomery, AL; n.d. 141 p. $1.00.

A-577 ELECTRICAL APPLICATIONS FOR GREENHOUSES: AIR CIRCULATION, WATER-FERTILIZING, CONTROL PANEL, HEATING, COOLING. By Foy Page. Vocational Instructional Materials, Texas A & M University, College Station, TX 77843; n.d. 57 p.

A-581 FARM ELECTRIFICATION LESSON PLANS WIRING AND SAFETY. Vocational Agricultural Education, Texas Education Agency, Austin, TX; 1973. 85 p.

A-630 BASIC ELECTRICITY: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By Jewell Colliver and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 73 p.

A-631 ELECTRIC MOTORS: AN INSTRUCTIONAL UNIT FOR HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE. By Delmar Dalton and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 51 p.

01.0307 AGRICULTURAL ELECTRIFICATION/270 INSTRUCTION

A-309 ELECTRICAL CONTROLS. Departments of Agriculture Engineering and Agricultural Education Institute of Agriculture, St. Paul, MN; Bulletin Room, AEAE, Institute of Agriculture, University of Minnesota, St. Paul, MN 55101; n.d. One-page project plans. $.75 per 25 sheet pad.

A-311 MAINTAINING THE LIGHTING AND WIRING SYSTEM. Howard J. Turner, ed. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1974. 80 p. $2.70.

A-312 ELECTRIC MOTOPS - SELECTION, PROTECTION, DRIVES. By Harold W. Parady, et al. American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1972. 56 p. $2.60.

A-313 HOW ELECTRIC MOTORS START AND RUN. By Harold W. Parady, et al. American Aysociation for Vocational Instructional Materials, Engineering Center, Athens, GA 30602; 1973. 24 p. Accompanies filmstrip.

A-750 ELECTRICAL HAZARDS ON THE FARM. VAS 3012. By the Safety Department, Country Mutual Insurance Co., and the Illinois Farm Electrical Council. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-752 LIGHTNING AND LIGHTNING PROTECTION ON THE FARM. VAS 3011. By the Safety Department, Country Mutual Insurance Co., Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-755 ELECTRIC MOTORS FOR FARM USE. Revised. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1962. 30 p. $.50.

01.0399 AGRICULTURAL MECHANICS, OTHER/050 AUDIOVISUAL MATERIALS AND METHODS

A-316 USING POWER LAWN MOWERS SAFELY. Slidefilm 498. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1966. Color filmstrip; 78 frames. $4.00.

01.0399 AGRICULTURAL MECHANICS, OTHER/270 INSTRUCTION

A-749 SPRAY PAINTING. VAS 3015. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 28 p. $.45.

A-753 HANDLING AND USING GASOLINE AND LIQUIFIED PETROLEUM GAS SAFELY. VAS 3013. By Safety Department, Country Mutual Insurance Co., Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

01.04 AGRICULTURAL PRODUCTS/070 BIOLOGY

A-671* ROOTS, UNIT IV, LAB 2. n.p.; n.d. 13 p.

A-674* STEMS I, UNIT IV, LAB 9. n.p.; n.d. 13 p.

01.04 AGRICULTURAL PRODUCTS/110 CURRICULUM

A-317 CAREER PREPARATION IN AGRICULTURAL PRODUCTS FOOD PROCESSING. Ohio Career Education and Curriculum Materials Lab in Agricultural Education, Ohio State University, Columbus, OH 43210; 1974. 267 p. $4.00. A Curriculum Guide for High School Vocational Agriculture.

A-318 A GUIDE FOR TEACHING AGRICULTURAL PRODUCTS. By Jasper S. Lee, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 36 p.

A-319 CURRICULUM GUIDE IN AGRICULTURAL PRODUCTS, PROCESSING, AND DISTRIBUTION. Department of Agricultural Education, ISU and Iowa DPI; Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 24 p.

A-483 AGRICULTURAL PRODUCTS, SPECIALIZED STUDY 11TH AND 12TH GRADES, STUDENT STUDY GUIDE. Alabama State Department of Education, Vocational Division, Agribusiness Education Service, Montgomery, AL; n.d. 126 p.

A-548 CANNING INDUSTRY-COMMERICAL PRODUCTION OF VEGETABLE CROPS: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF CANNING INDUSTRY-COMMERCIAL PRODUCTION OF VEGETABLE CROPS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Robert A. Ristau, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 14 p.

A-818 PROGRAM PLANNING GUIDE IN AGRICULTURAL PRODUCTS. By Richard Welton and Sam Robb. Agricultural Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 103 p.

A-819 AGRICULTURAL PRODUCTS AND AGRICULTURAL SUPPLIES AND SERVICES: PROGRAM PLANNING GUIDE. Florida Department of Education, Tallahassee, FL 32304; 1975. 53 p.

A-820 AGRICULTURAL PRODUCTS AND PROCESSING I (AND) II. North Carolina State Department of Public Instruction, Raleigh, NC 27611; 1975. 156 p.

01.0401 FOOD PRODUCTS/050 AUDIOVISUAL MATERIALS AND METHODS

A-320 IDENTIFICATION OF PORK CUTS. Slidefilm 182-65. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. Color filmstrip; 46 frames. $3.00.

A-779 INTERIOR QUALITY OF EGGS: ALBUMEN AND YOLK. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; n.d. 38 color slides, script. $11.40.

01.0401 FOOD PRODUCTS/110 CURRICULUM

A-551 THE CANNING INDUSTRY, PART II (VEGETABLE PROCESSING): A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF THE CANNING INDUSTRY IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 20 p.

A-552 BEEF MARKETING: A STUDENT HANDBOOK. The Pennsylvania State University College of Agriculture, Agricultural Experiment Station, Department of Agricultural Education, University Park and Department of Public Instruction, Harrisburg in cooperation with the Pennsylvania Young Farmers Association, Union Stock Yards, Lancaster and Lancaster Livestock Exchange; n.d. 66 p.

A-553 PREPARATION FOR OCCUPATIONS IN MEAT PROCESSING: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF PREPARATION FOR OCCUPATIONS IN MEAT PROCESSING IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Robert A. Ristau, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 14 p.

A-873 MEAT PROCESSING PLANT EMPLOYEE. Revised. By Phillip Massey and Len Steakley. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1975. 1 v. (various pagings). $5.95.

01.0401 FOOD PRODUCTS/270 INSTRUCTION

A-324 MEAT - JUDGING AND GRADING, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 27 p. $.30.

A-326 RESOURCE UNIT AGRICULTURE - THE CANNING INDUSTRY VEGETABLE PROCESSING. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville, WI; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madsion, WI 53702; 1972. 20 p.

A-327 RESOURCE UNIT AGRICULTURE - PREPARATION FOR OCCUPATIONS IN MEAT PROCESSING. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, River Falls, WI; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 12 p.

A-744 U.S.D.A. GRADES OF SWINE. VAS 1048. By W.H. Witt. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15. Taken primarily from USDA Marketing Bulletin no. 51, "USDA Grades for Slaughter Swine and Feeder Pigs."

A-920 POULTRY PROCESSING PLANT EMPLOYEE. By Henry Williams and Gabe Dooley. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1967. rpr. 1970. 1 v. (various pagings). $3.15.

01.040102 DAIRY PRODUCTS/050 AUDIOVISUAL MATERIALS AND METHODS

A-902 DAIRY PRODUCTS JUDGING--MILKER PARTS AND CHEESE IDENTIFICATION. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d 46 col. slides, script. $13.80.

01.040102 DAIRY PRODUCTS/110 CURRICULUM

A-550 DAIRY PRODUCTS: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF DAIRY PRODUCTS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 23 p.

A-554 QUALITY MILK PRODUCTION. The Pennsylvania State University, Department of Agricultural Education, in cooperation with the Pennsylvania Young Farmer's Association, The Pennsylvania Guernsey Breeders' Association and The Pennsylvania Holstein Association; c 1972. 77 p.

01.040102 DAIRY PRODUCTS/270 INSTRUCTION

A-325 JUDGING MILK, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1965. 8 p. $.15.

A-329 RESOURCE UNIT AGRICULTURE: DAIRY PRODUCT MANUFACTURING BUTTER AND CHEESE. Pilot Program Workshop in Vocational- Agriculture in Wisconsin, Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; 1972. 23 p.

A-747 JUDGING AND SCORING MILK AND MILKER UNIT HEADS. 2nd rev. By Joseph Tobias. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 6 p. $.15.

A-821 (MILK PROCESSING PLANT EMPLOYEE INFORMATION SHEETS) Vocational Instructional Services, Texas A & M University, College Station, TX; n.d. 1 v. (various pagings).

A-822 JUDGING AND SCORING MILK AND CHEESE. Farmers' bulletin no. 2259. U.S. Department of Agriculture; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; 1975. 16 p. "Supercedes Farmers' Bulletin no. 2111, 'Judging and Scoring Milk'."

01.05 ORNAMENTAL HORTICULTURE/020 ADMINISTRATION

A-826 SUPERVISED OCCUPATIONAL EXPERIENCE RECORD FORMS FOR ORNAMENTAL AGRICULTURE. Rev. By R.W. Harrison and H.B. Gerhart. Department of Agricultural Education, College of Agriculture, Pennsylvania State University, University Park, PA 16802; 1974. 1 v. (various pagings).

01.05 ORNAMENTAL HORTICULTURE/050 AUDIOVISUAL MATERIALS AND METHODS

A-615 WHAT IS HORTICULTURE? By James Utzinger. Pleasantview High School, n.p.; n.d. 40 slides in carrousel, rationale.

A-906 ASEXUAL PROPAGATION OF PLANTS. Developed by Ed Noll and Jack Sanderson. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; 1965. 20 35mm color slides, script. $7.75.

01.05 ORNAMENTAL HORTICULTURE/110 CURRICULUM

A-330 CAREER PREPARATION IN ORNAMENTAL HORTICULTURE: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Lab in Agriculture Education, The Ohio State University, Columbus, OH 43210; 1974. 260 p. $4.00.

A-332 LESSON PLAN FOR VOCATIONAL AGRICULTURE: FARM FAMILY LIVING - HOME GROUND IMPROVEMENT. Virginia Teachers of Vocational Agricultural and Agriculture Education Staffs; Vocational Education Department and State Department of Education, Blacksburg, VA 24061; n.d. 71 p.

A-333 ORNAMENTAL HORTICULTURE PLANT PROPAGATION: ASEXUAL AND SEXUAL REPRODUCTION. By L.H. Newcomb. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1971. 54 p.

A-334 CURRICULUM GUIDE IN HORTICULTURE. Department of Agricultural Education, ISU and Iowa DPI; Iowa Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 43 p.

A-335 A GUIDE FOR PROVIDING INSTRUCTION IN GENERAL HORTICULTURE. Curriculum Lab Personnel; Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; 1964. 34 p.

A-336 ORNAMENTAL HORTICULUTRE I AND II. Division of Vocational Education, Agricultural Education Section, Department of Public Instruction, Raleigh, NC 27601; 1971. 97 p.

A-337 ORNAMENTAL HORTICULTURE - A CURRICULUM GUIDE FOR AGRICULTURAL EDUCATION. Agricultural Education Service, State Department of Education, Richmond, VA 23216; 1969. 46 p.

A-555 FLORICULTURE AND GREENHOUSE MANAGEMENT: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF FLORICULTURE AND GREENHOUSE MANAGEMENT IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Robert A. Ristau, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 40 p.

A-557 ORNAMENTAL HORTICULUTRE: STUDENT STUDY GUIDE. State Department of Education, Vocational Division, Agribusiness Education Service, Montgomery, AL; n.d. 143 p.

A-558 A TWO YEAR PROGRAM IN VOCATIONAL HORTICULTURE. By Curtis Nelson. Hastings High School, Hastings, MN; n.d. 558 p.

A-664* ORNAMENTAL HORTICULTURE TECHNOLOGY: SUGGESTED TWO YEAR POST HIGH SCHOOL CURRICULUM. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; n.d. 206 p. $1.75.

A-675* SUGGESTED INSTRUCTIONAL UNITS--VOCATIONAL HORTICULTURE. Illinois State Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, 405 Centennial Building, Springfield, IL 62706; n.d. 10 p.

A-823 A CURRICULUM GUIDE FOR HORTICULUTRE. By Elwood Littlefield, et al. Maine State Department of Educational and Cultural Services, Bureau of Vocational Education, Augusta, ME 04330; 1974. 27 p.

A-824 AGRIBUSINESS AND NATURAL RESOURCES EDUCATION PROGRAM PLANNING GUIDE: ORNAMENTAL HORTICULTURE. Bulletin 77F-18. Florida Department of Education, Tallahassee, FL 32304; 1974. 53 p.

A-825** PROGRAM PLANNING GUIDE IN ORNAMENTAL HORTICULTURE. By Roger R. Ross and Thomas R. Stitt. Agriculture Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 108 p.

A-855 OHIO HORTICULTURE CURRICULUM GUIDE. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1974. 370 p. $4.00.

01.05 ORNAMENTAL HORTICULTURE/140 EDUCATION

A-588* AGRICULTURAL COOPERATIVE TRAINING VOCATIONAL AGRICULTURAL: HORTICULTURE OCCUPATIONS. Agricultural Education Teaching Materials Center, College Station, TX; n.d. 400 p.

A-596 CAREER PREPARATION IN ORNAMENTAL HORTICULTURE: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE, TEST EDITION. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; 1974. 260 p.

01.05 ORNAMENTAL HORTICULTURE/270 INSTRUCTION

A-338 ORNAMENTAL HORTICULTURE TASK SHEETS. By Taylor Byrd. Department of Agricultural Education, Pennsylvania State University, University Park, PA 16802; 1973. Single page task sheets.

A-339 RESOURCE UNIT - ORNAMENTAL HORTICULTURE. Vocational-Agriculture Pilot Program Workshop, University of Wisconsin, River Falls; Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1971. 46 p.

A-466 VOCATIONAL HORTICULTURE - GREENHOUSE. Vocational Resource Center, Department of Vocational and Technical Education, Indiana State University, Terre Haute, IN 47809; 1967. 44 p. $.75.

A-467 VOCATIONAL HORTICULTURE - NURSERY. Vocational Resource Center, Department of Vocational and Technical Education, Indiana State University, Terre Haute, IN 47809; 1967. 47 p. $.75.

A-389 LABORATORY EXERCISES FOR PRE-EMPLOYMENT LABORATORY TRAINING IN HORTICULUTRE. Rev. By Bill T. Tomlinson. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1966, 1975. 87 p. $2.00.

01.05 ORNAMENTAL HORTICULUTRE/350 OCCUPATIONS

A-559 VOCATIONAL HORTICULTURE OCCUPATION: COURSE OF STUDY. By Jon Nunn, Donnie Gonzales, Gene Thornton, and Riley Anderson. Vocational Conference, New Mexico State University; 1970. 13 p.

01.05 ORNAMENTAL HORTICULTURE/450 RESEARCH

A-340 USING TASK DATA FOR RECRUITMENT OF WORKERS IN ORNAMENTAL HORTICULTURE, REPORT OF A FIELD TEST. By Arthur L. Berkey and William E. Drake. New York State College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14805; 1972. 105 p.

A-341 AN ANALYSIS OF TASKS PERFORMED IN THE ORNAMENTAL HORTICULTURE INDUSTRY. By Arthur L. Berkey and William E. Drake. New York State College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14805; 1972. 127 p.

A-740 COMPETENCIES NEEDED BY WORKERS IN HORTICULTURAL OCCUPATIONS. By Duane Kaas and Alan A. Kahler. Iowa Department of Public Instruction, Area School and Career Education Branch, Grimes State Office Building, Des Moines, IA 50319; 1975. 237 p.

01.0501 ARBORICULTURE/050 AUDIOVISUAL MATERIALS AND METHODS

A-342 PRUNING AND TRAINING OF PLANTS. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 32 visual masters. $.95.

A-343 PLANT PROPAGATION. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1968. 39 visuals. $1.10.

A-344 PLANT IDENTIFICATION. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1967. 30 visuals. $.90.

01.0501 ARBORICULTURE/070 BIOLOGY

A-702 HIGH-DENSITY APPLE ORCHARDS - PLANNING, TRAINING, AND PRUNING. Agriculture handbook no. 458. By Don R. Heinicke. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; 1975. 34 p. $.65.

01.0501 ARBORICULTURE/270 INSTRUCTION

A-350 EXTENSION PUBLICATIONS RELATED TO ORNAMENTAL TREES AND SHRUBS. U.S.D.A. and State Extension Services, Bulletin Room, University of Wisconsin, Madison, WI 53706; n.d. Extension Bulletin and Circulars.

A-763 FARMSTEAD WINDBREAKS. VAS 4018. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 8 p. $.15.

A-764 GROWING AND SELLING CHRISTMAS TREES: VAS 4046. By W.F. Bulkley. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p. $.20.

A-828 APPROVED PRACTICES FOR GROWING APPLES AND PEARS IN THE HOME GARDEN. Teacher Education Series, 16:2. By Larry Dell. Pennsylvania State University, University Park, PA 16802; 1975. 22 p.

01.0502 FLORICULTURE/050 AUDIOVISUAL MATERIALS AND METHODS

A-357 GARDEN FLOWERS: ANNUAL, PART II. Slidefilm 602. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. Color filmstrip; 50 frames. $3.10.

A-358 GARDEN FLOWERS: ANNUAL, PART I. Slidefilm 601. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. Color filmstrip; 50 frames. $3.10.

A-616 FLOWERS FOR GARDEN COLOR. By Malcom R. Harrison and Donald B. Lacey. Rutgers University, New Brunswick, NJ 08903; n.d. 29 slides, script.

A-619 FLORICULTURE CROPS: HORTICULTURE SLIDE SERIES I. By Richard Henley. Ohio Vocational Agriculture Instructional Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1966. 60 color slides in carrousel, script.

01.0502 FLORICULTURE/270 INSTRUCTION

A-359 PRODUCING POINSETTIAS COMMERCIALLY, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 12 p. $.15.

A-360 POINSETTIAS - CARE AND PROPAGATION, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 8 p. $.10.

A-362 EXTENSION PUBLICATIONS RELATED TO GROWING FLOWERS AND INDOOR PLANTS. U.S.D.A. and State Extension Services, Bulletin Room, University of Wisconsin, Madison, WI 53706; n.d. Extension circulars.

A-364 EXPLORING OCCUPATIONAL OPPORTUNITIES IN THE RETAIL FLOWER SHOP BUSINESS. By R.L. Courson. Vocational Agriculture Service, 434 Mumford Hall, Urbana, IL 61801; n.d. 12 p.

A-365 OPERATING A RETAIL FLOWER SHOP. By R.L. Courson. Vocational Agriculture Service, University of Illinois, Urbana, IL 61801; n.d. 16 p.

01.0503 GREENHOUSE OPERATION AND MANAGEMENT/050 AUDIOVISUAL MATERIALS AND METHODS

A-623 GREENHOUSES AND RELATED STRUCTURES. By Richard W. Henley. Ohio Vocational Agriculture Instructional Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; n.d. 62 color slides in carrousel, script.

A-905 PLANTS FOR HIGH SCHOOL GREENHOUSES. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 41 color slides, script. $12.30.

A-907 PROPAGATION OF GREENHOUSE PLANTS. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 41 color slides, script. $12.30.

01.0503 GREENHOUSE OPERATION AND MANAGEMENT/110 CURRICULA

A-556 GREENHOUSE MANAGEMENT: A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF GREENHOUSE MANAGEMENT IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 41 p.

A-573 ERECTING AND MANAGING THE GREENHOUSE IN THE VOCATIONAL AGRICULTURE PROGRAM. By H.O. Galloway. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1974. 29 p.

A-656* HOOSIER VOCATIONAL HORTICULTURE GREENHOUSE. Avery Ray, John Strouse, Donimic Curkin and Fred Lanphear, eds. State of Indiana, Department of Public Instruction, Division of Vocational Education, 600 Old Trails Building, 309 West Washington Street, Indianapolis, IN 46204; n.d. 30 p.

01.0503 GREENHOUSE OPERATION AND MANAGEMENT/270 INSTRUCTION

A-369 EXTENSION PUBLICATIONS RELATED TO GREENHOUSES. U.S.D.A. and State Publications, Bulletin Room, University of Wisconsin, Madison, WI 53706; n.d. Extension circulars.

A-370 RESOURCE UNIT AGRICULTURE - ORNAMENTAL HORTICULTURE - GREENHOUSE MANAGEMENT. Vocational-Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; n.d. 41 p.

01.0503 GREENHOUSE OPERATION AND MANAGEMENT/350 OCCUPATIONS

A-707 GREENHOUSE MANAGEMENT FOR FLOWER AND PLANT PRODUCTION. By Kennard S. Nelson. Interstate Printers and Publishers, Danville, IL; 1973. 246 p. $7.25.

A-827 GREENHOUSE AND NURSERY EMPLOYEE. By Jim Sims, et al. Orange County Career Development Program, 410 Woods Avenue, Orlando, FL 32805; 1973. 1 v. (various pagings). $1.00.

01.0504 LANDSCAPING/050 AUDIOVISUAL MATERIALS AND METHODS

A-468 LANDSCAPING THE HOME AND SCHOOL GROUNDS. Vocational Education Media Center, Clemson University, Clemson, SC 29631; 1970. 40 transparencies and paper copies. $5.00.

A-908 USES OF LANDSCAPE MATERIALS. By Raymond M. Clark and Joseph Cox. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; n.d. 52 35mm color slides, script. $19.75.

01.0504 LANDSCAPING/110 CURRICULUM

A-371 A SUGGESTED PROGRAM - THE LANDSCAPE AIDE. U.S. Department of Health, Education and Welfare; Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; 1964. 21 p. $.25.

A-560 READING WISCONSIN'S LANDSCAPE. State Department of Public Instruction, Wisconsin Conservation Department, Trees for Tomorrow, State Soil Conservation Committee, University of Wisconsin; College of Agriculture and Wisconsin Geological and Natural History Survey, Madison, WI 53702; n.d. 19 p.

01.0504 LANDSCAPING/270 INSTRUCTION

A-469 LANDSCAPING THE HOME AND SCHOOL GROUNDS - TEACHER'S GUIDE. Clemson University, Agricultural Education Department and Vocational Education Media Center, Clemson, SC 29631; 1970. 82 p. $1.25.

01.0504 LANDSCAPING/350 OCCUPATIONS

A-732* AN ANLYSIS OF THE LANDSCAPING OCCUPATION. By Lynn L. Stemple and John E. Dilley. Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University; 1974.. 275 p.

01.0506 TURF MANAGEMENT/050 AUDIOVISUAL MATERIALS AND METHODS

A-627 LAWN CARE AND MANAGEMENT. By Robert W. Miller. Ohio Agricultural Education Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1972. 46 color slides in carrousel, script.

A-909 ESTABLISHING A LAWN. By Rod Evans. Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; n.d. 44 35mm color slides, script. $13.25.

01.0506 TURF MANAGEMENT/070 BIOLOGY

A-709 TURF MANAGEMENT HANDBOOK: GOOD TURF FOR LAWNS, PLAYING FIELDS AND PARKS. By Howard B. Sprague. The Interstate Printers and Publishers, Danville, IL; 1970. 253 p. $7.25.

01.0506 TURF MANAGEMENT/110 CURRICULUM

A-372 TURF GRASS MANAGEMENT - A ONE-SEMESTER COURSE FOR HIGH SCHOOL JUNIORS AND SENIORS. By C.O. Loreen. Coordinating Council for Occupational Education, Olympia, WA 98504; 1973. 101 p.

01.0506 TURF MANAGEMENT/270 INSTRUCTION

A-374 EXTENSION PUBLICATIONS RELATED TO LAWNS AND TURF. Cooperative Extension Programs, University of Wisconsin, Madison, WI 53706; n.d. Extension Publications.

A-375 IDENTIFYING AND CONTROLLING LAWN INSECTS. By R.L. Courson. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; n.d. 16 p.

A-376 TURFGRASS DISEASES AND THEIR CONTROL. By R.L. Courson. Vocational Agriculture Service, College of Agriculture, University of Illinois, Urbana, IL 61801; n.d. 28 p.

01.0506 TURF MANAGEMENT/350 OCCUPATIONS

A-731* AN ANALYSIS OF THE TURF SPECIALIST OCCUPATION. By Ralph Atlstadt et al. Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University; 1974. 38 p.

01.0599 ORNAMENTAL HORTICULTURE, OTHER/050 AUDIOVISUAL MATERIALS AND METHODS

A-897 COMMON VEGETABLE AND HOUSEHOLD INSECTS. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 38 35mm color slides, script. $11.40.

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION, AND SERVICES)/050 AUDIOVISUAL MATERIALS AND METHODS

A-377 OUR PLANT RESOURCES - CONSERVATION. Visual Products Division, 3M Company, 3M Center, St. Paul, MN 55101; 1966. Transparency masters, 23 p.

A-783 CAREER OPPORTUNITIES IN NATURAL RESOURCES AND FORESTRY. Vocational Agriculture Service, College of Agriculture, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 35mm filmstrip, 73 frames, color, cassette tape, 25 copies of brochure "We Want You," script. $8.50.

A-861 OUTDOOR RECREATION AND APPLIED ECOLOGY (WATER, AIR, AND NOISE POLLUTION). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 1 v. (various pagings). 61 35mm color slides. CONTENTS: Collecting water samples.-Sources of waste products.-Types of waste disposal.-Effects of air pollution in a recreational environment.-Safe use of chemicals.-Danger of loud levels of noise for long periods of time.-Thermal pollution effects of overpopulation.-Problems of population control.-Transparency masters.

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION, AND SERVICES)/110 CURRICULUM

A-379 CAREER PREPARATION IN AGRICULTURAL RESOURCES: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Lab in Agriculture Education, Ohio State University, Columbus, OH 43210; 1974. 238 p. $4.00.

A-380 CAREER PREPARATION IN ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Lab in Agriculture Education, The Ohio State University, Columbus, OH 43210; 1974. 328 p. $4.00.

A-381 A GUIDE FOR TEACHING AGRICULTURAL RESOURCES. By B.B. Robbins, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 29 p.

A-382 CURRICULUM GUIDE IN AGRICULTURAL RESOURCES AND CONSERVATION. Department of Agricultural Education, ISU and Iowa Department of Public Instruction; Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 46 p.

A-383 CURRICULUM GUIDE IN AGRIBUSINESS AND NATURAL RESOURCE EDUCATION. Department of Agricultural Education, ISU and Iowa Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 34 p.

A-384 NATURAL RESOURCES MANAGEMENT - A CURRICULUM GUIDE FOR AGRICULTURAL EDUCATION. Agricultural Education Service, State Department of Education, Richmond, VA 23216; 1972. 57 p.

A-658* INTEGRATED SURFACE MINING AND RECLAMATION TECHNIQUES: A CURRICULUM FOR TRAINING SURFACE MINING PERSONNEL. Department of Mineral Engineering, Pennsylvania State University, University Park, PA; 1973. 128 p.

A-661* NATURAL RESOURCES TECHNOLOGIES: A SUGGESTED POST HIGH SCHOOL PROGRAM DEVELOPMENT GUIDE. By David R. McClay. Department of Agricultural Education, Pennsylvania State University, University Park, PA; 1973. 57 p.

A-663* OCCUPATIONAL PREPARATION IN THE NATURAL RESOURCES: A SUGGESTED HIGH SCHOOL CURRICULUM GUIDE. By David R. McClay. Department of Agricultural Education, Pennsylvania State University, University Park, PA; 1973. 69 p.

A-829 PLANNING GUIDE: PREVOCATIONAL PROGRAMS IN AGRIBUSINESS AND NATURAL RESOURCES EDUCATION. Bulletin 77F-25. Florida Department of Education, Talahassee, FL 32304; 1975. 81 p.

A-830 AGRIBUSINESS AND NATURAL RESOURCES EDUCATION PROGRAM PLANNING GUIDE: AGRICULTURAL (NATURAL) RESOURCES. Bulletin 77F-14. Florida Department of Education, Tallahassee, FL 32304; 1974. 88 p.

A-831 CAREERS IN CONSERVATION AND ECOLOGY (LANGUAGE ARTS). Revised. By Lynn Melton, et al. Orange County Career Development Program, 410 Woods Avenue, Orlando, FL 32805; 197-. 80 p. $1.00. "Recommended for use in grades 7-12."

A-832 CAREERS IN CONSERVATION AND ECOLOGY (SCIENCE). Revised. By Mary Young and Glenn Huovinen. Orange County Career Development Program, 410 Woods Avenue, Orlando, FL 32805; 197-. 60 p. $1.00. "Recommended for use in grades 7-12."

A-833 CAREERS IN CONSERVATION AND ECOLOGY (SOCIAL STUDIES). Revised. By Emma Broen and Sharon Dudley. Orange County Career Development Program, 410 Woods Avenue, Orlando, FL 32805; 197-. 31 p. $1.00. "Recommended for use in grades 7-12."

A-834 ENVIRONMENTAL AWARENESS FOR THE YOUNG CHILD. By Clare Beaver. Vocational-Technical Curriculum Laboratory, Rutgers-The State University, Building 4103, Kilmer Campus, New Brunswick, NJ 08903; 1975. 58 l. $1.50. "Designed for the elementary level."

A-845** PROGRAM PLANNING GUIDE IN AGRICULTURAL RESOURCES. By Carl German, Luther Hilterbrand, and Thomas R. Stitt. Professional and Curriculum Development Unit, Illinois State Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, in cooperation with Agricultural Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 120 p.

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION, AND SERVICES)/140 EDUCATION

A-562 CAREER PREPARATION IN AGRICULTURAL RESOURCES: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; c1974. 267 p.

A-645* EXPLORING OCCUPATIONS IN THE NATURAL RESOURCES: A STUDENT RESOURCE GUIDE FOR THE MIDDLE SCHOOL. By David R. McClay. Department of Agricultural Education, Pennsylvania State University, University Park, PA; 1973. 91 p.

A-660* NATURAL RESOURCES AND CAREER AWARENESS: A TEACHER'S GUIDE FOR GRADES K-6. By David R. McClay. Department of Agricultural Education, The Pennsylvania State University, University Park, PA; 1973. 105 p.

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION, AND SERVICES)/160 ENVIRONMENT

A-378 TEACHING MATERIALS FOR ENVIRONMENTAL RELATED COURSES IN AGRICULTURE OCCUPATIONS PROGRAMS. By Kermit B. Bonhing and Thomas R. Stitt. Department of Agricultural Industries, Southern Illinois University, Carbondale, IL 62901; 1973. 56 p.

01.06 AGRICULTURAL RESOURCES (CONSERVATION, UTILIZATION, AND SERVICES)/270 INSTRUCTION

A-385 JOB ANALYSIS AND INSTRUCTIONAL BEHAVIORAL OBJECTIVES FOR NATURAL RESOURCES OCCUPATIONS. By Gilvert Long, et al. Utah State University, Logan, UT 84321; 1974. 42 p.

A-386 PLANNING THE CROPPING SYSTEM. By J.H. Herbst. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; n.d. 16 p.

01.0601 FORESTS/050 AUDIOVISUAL MATERIALS AND METHODS

A-857 OUTDOOR RECREATION AND APPLIED ECOLOGY (FORESTS). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 2 v. in 1, 26 35mm slides. CONTENTS: Harmful diseases of our forests.-Recreational uses of our forests.-Transparency masters.

01.0602 RECREATION/050 AUDIOVISUAL MATERIALS AND METHODS

A-859 OUTDOOR RECREATION AND APPLIED ECOLOGY (OUTDOOR RECREATIONAL FACILITIES). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 5 v. in 1, 44 35mm color slides. CONTENTS: Outdoor recreational facilities.-Maintenance and repair of outdoor recreational facilities.-Operation of equipment needed in park maintenance.-Types of camps and activities.-Maintenance of campgrounds.-Transparency masters.

A-860 OUTDOOR RECREATION AND APPLIED ECOLOGY (RECREATIONAL FISHING AND BOAT HANDLING). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 7 v. in 1, 46 35mm color slides. CONTENTS: Use of gear for recreational fishing.-Maintenance of fishing gear.-Fishing techniques.-Boat construction.-Repair and maintenance of boats.-Operation of outboard motors.-Boat safety.-Transparency masters.

A-862 OUTDOOR RECREATION AND APPLIED ECOLOGY (INTRODUCTION). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 1 v. (assorted pagings), 48 35mm color slides, script. CONTENTS: Orientation.-Formulating the SOE (Supervised Occupational Experience) Program.-Employment opportunities in outdoor recreation and applied ecology.-Transparency masters.

A-864 OUTDOOR RECREATION AND APPLIED ECOLOGY (GOLF COURSE MAINTENANCE). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 5 v. in 1, 38 35mm color slides. CONTENTS: Building a golf green.-Golf course equipment.-Maintenance of golf course.-Operation of turf and lawn mowers.-Transparency masters.

01.0602 RECREATION/110 CURRICULUM

A-388 OUTDOOR RECREATION. John E. Strode. Department of Vocational Education, College of Education, Western Kentucky University, Bowling Green, KY 42101; 1971. 33 p.

A-564 RECREATION (OUTDOOR): A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF OUTDOOR RECREATION IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN. Ruel F. Falk, ed. Department of Public Instruction, Bureau for Career and Manpower Development, Madison, WI 53702; n.d. 16 p.

01.0602 RECREATION/270 INSTRUCTION

A-389 RESOURCE UNIT AGRICULTURE - OUTDOOR WINTER RECREATION. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 16 p.

01.0603 SOIL/050 AUDIOVISUAL MATERIALS AND METHODS

A-390 SOIL COLOR. Slidefilm 708. Vocational Agricultural Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1964. Color filmstrip; 47 frames. $3.00.

A-392 ECOLOGY: THE PROBLEM OF EROSION. Visual Products Division, 3M Company, 3M Center, St. Paul, MN 55101; 1972. Transparency masters, 47 p.

A-844 SOIL AND ITS PROPERTIES. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1971. 64 35mm slides, color, script. $12.45.

A-867 OUTDOOR RECREATION AND APPLIED ECOLOGY (ECOLOGY AND LAND USE). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1976. 6 v. in 1, 47 35mm color slides. CONTENTS: Man's relationship to ecological systems.-Identifying ecological problems.-Comparing land use.-Relating land use to our environment.-Importance of mineral and natural resources in our environment.-Effects of surfact mining.-Transparency masters.

A-911 SOIL SCIENCE TRANSPARENCIES. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 47 transparencies. $11.75.

01.0603 SOIL/110 CURRICULUM

A-393 SOILS - CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION. By Richard E. Claude. Agricultural Education, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1972. 74 p.

01.0603 SOIL/270 INSTRUCTION

A-394 TESTING SOIL FOR PHOSPHORUS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 16 p. $.20.

A-395 PLANNING THE NITROGEN PROGRAM, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 16 p. $.20.

A-396 NITRATES IN WATER SUPPLIES, FIELD CROPS, AND RUMINANT NUTRITION, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 12 p. $.15.

A-397 DETERMINING AVAILABLE POTASSIUM IN SOILS, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1970. 12 p. $.15.

A-398 PROFITABLE MANAGEMENT OF WISCONSIN SOILS. By Leo M. Walsh. American Printing and Publishing Inc. 2909 Syene Road, Madison, WI 53713; 1972. 88 p. $1.95.

A-399 EXTENTION PUBLICATIONS RELATED TO SOILS, GROWING MEDIA, AND FERTILIZERS. U.S.D.A. and State Extension Services, Bulletin Room, College of Agriculture and Life Science, University of Wisconsin, Madison, WI 53706; n.d. Extension bulletins and circulars.

A-400 DETERMINING PROBABLE SOIL LOSSES. By R.L. Courson and W.R. Oschwald. Vocational Agriculture Service, University of Illinois, Urbana, IL 61801; 1973. 16 p.

01.0603 SOIL/400 PHYSICAL SCIENCES

A-704 APPROVED PRACTICES IN SOIL CONSERVATION. By Albert B. Foster. Interstate Publishers and Printers, Danville, IL; 1973. 497 p. $6.25.

01.0604 WILDLIFE (INCLUDING GAME FARMS AND HUNTING AREAS)/050 AUDIOVISUAL MATERIALS AND METHODS

A-863 OUTDOOR RECREATION AND APPLIED ECOLOGY: WILDLIFE ECOLOGY. Learning activity packets. North Carolina Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 5 v. in 1. 32 35mm color slides. CONTENTS: Relationship of wildlife to man and his environment.-Wildlife of North Carolina.-Establishing wildlife cover.-Harvesting game species of North Carolina.-Wildlife structures.-Transparency masters.

01.0604 WILDLIFE (INCLUDING GAME FARMS AND HUNTING AREAS)/110 CURRICULUM

A-883 WILDLIFE CONSERVATION EMPLOYEE. Revised. By C.B. Chenault and Clarence Karcher. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1975. 1 v. (various pagings). $8.10.

01.0604 WILDLIFE (INCLUDING GAME FARMS AND HUNTING AREAS)/270 INSTRUCTION

A-401 WILDLIFE PAMPHLETS. Wildlife Management Institute, Wire Building, Washington, D.C. 20005; n.d. 1-5 page pamphlets.

A-856 BASIC FIELD TECHNIQUES IN WILDLIFE MANAGEMENT. By Michael A. Naylor and Carl E. Vogt; adapted by Richard L. Geesey. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1975. 122 p. $3.25.

01.0605 WATER/050 AUDIOVISUAL MATERIALS AND METHODS

A-402 ECOLOGY: THE PROBLEM OF WATER POLLUTION. Visual Products Division, 3M Company, 3M Center, St. Paul, MN 55101; 1972. Transparency masters, 27 p.

01.0605 WATER/110 CURRICULUM

A-641* CRITERIA FOR THE ESTABLISHMENT AND MAINTENANCE OF A TWO YEAR POST HIGH SCHOOL WASTEWATER TECHNOLOGY TRAINING PROGRAM. Program criteria, vol. I. By John H. Austin, et al. Department of Environmental Systems Engineering, Clemson University, Clemson, SC; 1970. 45 p.

A-642* CRITERIA FOR THE ESTABLISHMENT AND MAINTENANCE OF A TWO YEAR POST HIGH SCHOOL WASTEWATER TECHNOLOGY TRAINING PROGRAM. Curriculum guidelines II. Environmental Protection Agency, Clemson University, Clemson, SC; 1971. 624 p.

A-728* ASSESSMENT AND DETERMINATION OF BASIC COMPETENCIES NECESSARY FOR UTILITY OPERATORS UTILIZING GROUND WATER SUPPLIES, PART II. By Gary L. Stegeman and Daniel J. Wagner. Southwest Wisconsin Technical Institute, Bronson Boulevard, Fennimore, WI 53809; 1975. 144 p.

01.0605 WATER/160 ENVIRONMENT

A-729* GUIDELINES TO CAREER DEVELOPMENT FOR WASTE WATER PLANT PERSONNEL. Public Service Careers Section, Office of Education and Manpower Planning, Environmental Protection Agency, Washington, D.C. 20460; 1973. .00 p.

01.0605 WATER/270 INSTRUCTION

A-403 RESOURCE UNIT - AGRICULTURE CONSERVATION - WATER. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, River Falls; Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1971. 18 p.

01.0605 WATER/350 OCCUPATIONS

A-726* AN ANALYSIS OF THE WASTE WATER TREATMENT MAINTENANCE MECHANIC OCCUPATION. By Anthony B. Clark. Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University; 1974. 107 p.

A-727* AN ANALYSIS OF THE WASTE WATER TREATMENT OPERATOR OCCUPATION. By Anthony B. Clark. Instructional Materials Laboratory, Trade and Industrial Education, Ohio State University; 1974. 107 p.

01.0606 AIR/050 AUDIOVISUAL MATERIALS AND METHODS

A-404 ECOLOGY: THE PROBLEM OF AIR POLLUTION. Visual Products Division, 3M Company, 3M Center, St. Paul, MN 55101; 1973. Transparency masters, 22 p.

01.0606 AIR/070 BIOLOGY

A-890 AIR POLLUTION PRIMER. National Tuberculosis and Respiratory Disease Association; available from Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; 1969. 104 p. $.60.

01.0606 AIR/110 CURRICULUM

A-639* AIR POLLUTION CONTROL: A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM. U.S. Government Printing Office, Washington, D.C. 20402; n.d. 109 p.

01.0606 AIR/270 INSTRUCTION

A-405 RESOURCE UNIT AGRICULTURE - CONSERVATION - AIR. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 21 p.

01.0607 FISH (INCLUDING FARMS AND HATCHERIES)/140 EDUCATION

A-473 CATFISH FARMING: A REFERENCE UNIT. By Jasper S. Lee. Mississippi State University, Curriculum Coordinating Unit for Vocational-Technical Education, State College, Mississippi in cooperation with Division of Vocational and Technical Education, Mississippi State Department of Education, Jackson, MS; 1971. 103 p.

A-836 FISHERIES AS A PROFESSION: A CAREER GUIDE FOR THE FIELD OF FISHERIES SCIENCE. American Fisheries, 4th floor suite, 1319 18th Street, NW, Washington, D.C. 20036; n.d. 10 p.

01.0608 RANGE/110 CURRICULUM

A-837 SOURCE UNIT IN RANGE AND PASTURE MANAGEMENT. By James Hannebaum. Colorado State University, Department of Vocational Education, Agriculture Education Division, Fort Collins, CO 80523; 1975. 1 v. (unpaged).

01.0699 AGRICULTURAL RESOURCES, OTHER/050 AUDIOVISUAL MATERIALS AND METHODS

A-866 OUTDOOR RECREATION AND APPLIED ECOLOGY (FIRST AID). Learning activity packets. Department of Public Instruction, Division of Occupational Education, Raleigh, NC 27611; 1975. 2 v. in 1, 18 35mm color slides. CONTENTS: Administering first aid.-Transporting injured persons.-Transparency masters.

01.07 FORESTRY (PRODUCTION, PROCESSING, MANAGING, MARKETING AND SERVICES)/050 AUDIOVISUAL MATERIALS AND METHODS

A-910 FORESTRY TEACHING GUIDE. Vocational Instructional Services, F.E. Box 182, College Station, TX 77843; n.d. 43 transparencies. $10.75.

01.07 FORESTRY (PRODUCTION, PROCESSING, MANAGING, MARKETING AND SERVICES)/110 CURRICULUM

A-839** PROGRAM PLANNING GUIDE IN FORESTRY. By Paul L. Roth, William A. Doerr and Thomas R. Stitt. Agricultural Industries Department, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1975. 91 p.

A-840 AGRIBUSINESS AND NATURAL RESOURCES EDUCATION PROGRAM PLANNING GUIDE: FOR FORESTRY. Bulletin 77F-19. Florida Department of Education, Tallahassee, FL 32304; 1974. 36 p.

A-882 FORESTRY EMPLOYEE. By Kyle Leftwich. Vocational Instructional Services, Texas A & M University, College Station, TX 77843; 1968, 1972. 1 v. (various pagings). $4.50.

A-406 CAREER PREPARATION IN FORESTRY: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Ohio Career Education and Curriculum Materials Laboratory in Agriculture Education, Ohio State University, Columbus, OH 43210; 1974. 178 p. $3.50.

A-407 A CURRICULUM GUIDE FOR FORESTRY, CONSERVATION, RECREATION. Maurice L. Parent, ed. State of Maine Department of Educational and Cultural Services, Bureau of Vocational Education, Augusta, ME 04330; 1973. 38 p.

A-411 BASIC FORESTRY PRACTICES - A CURRICULUM GUIDE FOR HIGH SCHOOL JUNIORS AND SENIORS. By C.O. Loreen. Coordinating Council for Occupational Education, 216 Old Capitol Building, Olympia, WA 98504; 1973. 130 p.

A-567 STUDY GUIDE FOR FORESTRY JUDGING CONTENT FOR LOUISIANA FUTURE FARMERS OF AMERICA. State Department of Education of Louisiana. 27 p. $2.00.

01.07 FORESTRY (PRODUCTION, PROCESSING, MANAGING, MARKETING AND SERVICES)/270 INSTRUCTION

A-412 DIRECTORY OF ILLINOIS FORESTRY AND CONSERVATION ASSISTANCE PROGRAMS. By John W. Andresen. Illinois Department of Conservation and Forestry Department, Southern Illinois University, Carbondale, IL 62901; 1972. 126 p.

A-413 RESOURCE UNIT AGRICULTURE - PREPARATION FOR OCCUPATIONS IN FORESTRY. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, River Falls; Bureau for Career and Manpower Development, State Department of Public Instruction, Madison, WI 53702; 1971. 27 p.

01.07 FORESTRY (PRODUCTION, PROCESSING, MANAGING, MARKETING AND SERVICES)/350 OCCUPATIONS

A-414 (FORESTRY CAREERS). American Forestry Institute, 1619 Massachusetts Avenue, N.W., Washington, D.C. 20036; n.d. Folder of pamphlets.

A-705 WORKING WITH TREES. Ohio State University, Center for Vocational Education, Columbus, OH; 1973. 134 p. $6.00.

01.0704 WOOD UTILIZATION/110 CURRICULUM

A-570 SUGGESTED LESSON PLANS FOR WOODWORKING IN VOCATIONAL AGRICULTURE. By L.C. Dalton and Joe A. Richardson. n.p.; n.d. 15 p.

A-569 PRINCIPLES FOR PROTECTING WOOD BUILDINGS FROM DECAY. U.S. Department of Agriculture, Forest Service, Forest Products Laboratory, Madison, WI; 1973. 56 p.

A-706 CURRICULUM GUIDE FOR FOREST PRODUCTS. Oregon Board of Education, 942 Lancaster Drive, N.E., Salem, OR 97310; 1972. 164 p. $2.50.

01.0705 RECREATION/110 CURRICULUM

A-670* RECREATION PROGRAM LEADERSHIP: A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM. U.S. Government Printing Office, Washington, D.C.; 1969. 87 p. $1.00.

01.0799 FORESTRY, OTHER/460 RESOURCES

A-838 CHALLENGES FACED BY THE FOREST PRODUCTS INDUSTRY. By J. Stanford Smith. International Paper Co., Corporate Public Relations, 220 East 42nd Street, New York, NY 10017; 1974. 9 p.

01.99 AGRICULTURE, OTHER/050 AUDIOVISUAL MATERIALS AND METHODS

A-738 LOOKING AHEAD TO TEACHING VOCATIONAL AGRICULTURE. By Ralph K. Woodin. American Vocational Education Association, AGricultural Education Division, Professional Personnel Recruitment Committee, distributed by World in Color Productions, P.O. Box 392, Elmira, NY 14902; n.d. 32 slides in carrousel, script. $4.10.

01.99 AGRICULTURE, OTHER/150 EMPLOYMENT

A-745 EMPLOYMENT AGREEMENTS IN HIRING FARM WORKERS. Special paper no. 9. By David L. Armstrong. Center for Rural Manpower and Public Affairs, Michigan State University, East Lansing, MI 48823; 1969. 72 l.

01.99 AGRICULTURE, OTHER/270 INSTRUCTION

A-854 UPS AND DOWNS: THE BASIC PRINCIPLES OF LADDER SAFETY. By Joseph A. Gliem. Ohio Agricultural Education Curriculum Materials Service, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1972. (22) p. $.30. Bound with Ladder Safety Test.

01.99 AGRICULTURE, OTHER/350 OCCUPATIONS

A-720 TEACHER OF AGRICULTURE. California Occupational Guide no. 387. California Employment Development Department, Sacramento? CA; 1972. 3 p.

A-719 COUNTY AGRICULTURAL INSPECTOR. California Occupational Guide no. 378. California Employment Development Department, Sacramento? CA; 1970. 4 p.

A-718 FARM ADVISOR. California Occupational Guide no. 365. California Employment Development Department, Sacramento? CA; 1968. 3 p.

01.9901 AGRICULTURE, OTHER/ 050 AUDIOVISUAL MATERIALS AND METHODS

A-429 APPLYING FOR A JOB. Slidefilm 390. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1971. Color slidefilm; 54 frames. $3.25.

01.9901 AGRICULTURE, OTHER/ 110 CURRICULUM

A-416 A GUIDE FOR PLANNING INSTRUCTION FOR ADULTS IN AGRICULTURAL EDUCATION. By Jasper S. Lee, et al. Mississippi State University, Curriculum Coordinating Unit for Vocational and Technical Education, Jackson, MS 39203; 1972. 11 p.

A-417 AN INSTRUCTIONAL MANUAL FOR CONTINUING EDUCATION IN AGRICULTURE. By Elmer L. Cooper. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1973. 160 p.

A-418 ESTATE PLANNING: A TEACHING GUIDE FOR CONTINUING EDUCATION. By Elmer L. Cooper. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1973. 70 p.

01.9902 AGRICULTURE, OTHER (LEADERSHIP AND PERSONAL DEVELOPMENT)/110 CURRICULUM

A-421 DEVELOPING PROFICIENCY IN PARLIAMENTARY PROCEDURE. By C.S. McLearen. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1973. 9 p.

A-423 VOCATIONAL LEADERSHIP DEVELOPMENT - A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL STUDENTS. By George Jungel. Coordinating Council for Occupational Education, 216 Old Capitol Building, Olympia, WA 98504; 1973. 30 p.

01.9902 AGRICULTURE, OTHER (LEADERSHIP AND PERSONAL DEVELOPMENT)/270 INSTRUCTION

A-424 A GUIDE TO PARLIAMENTARY PRACTICES, A STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 44 p. $.35.

A-426 EFFECTIVE COMMITTEES - LEADERSHIP AND PERSONAL DEVELOPMENT SERIES NO. 3. By Thomas R. Harp. Ohio Agricultural Education Curriculum Materials Service, Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210; 1974. 18 p.

A-427 PARLIAMENTARY PROCEDURE FOR CONDUCTING MEETINGS. By Chester S. McLearen. Agricultural Education, College of Education, Virginia Polytechnic Institute and State University and Agricultural Education Service, State Department of Education, Blacksburg, VA 24061; 1973. 32 p.

01.9902 AGRICULTURE, OTHER, (LEADERSHIP AND PERSONAL DEVELOPMENT/410 PROGRAMS

A-428 MINNESOTA STATE FFA CONTEST HANDBOOK. Minnesota Vocational Materials Center, Staples Area Vocational Technical Institute, Staples, MN 56479; 1972. 107 p.

01.9903 AGRICULTURE, OTHER (OCCUPATIONAL)/ 110 CURRICULUM

A-430 CURRICULUM GUIDE FOR AGRICULTURAL OCCUPATIONS. Division of Community Colleges and Career Education. Oregon Board of Education, 942 Lancaster Drive., N.E. Salem, OR 97310; 1974. 156 p.

A-431 A CURRICULUM GUIDE FOR A CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA. Participants in EPDA Institute; Division of Vocational Education, University of Georgia and Georgia State Department of Education, Atlanta, GA 30303; 1972. 42 p.

A-432 LEARNING ACTIVITY PAC AGRICULTURE - THE WORLD OF WORK. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, River Falls; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1971. 25 p.

A-433 LEARNING ACTIVITY PAC - AGRICULTURE - THE WORLD OF WORK, PART II. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 217 p.

A-434 CURRICULUM GUIDE IN OCCUPATIONAL EXPERIENCE IN AGRICULTURE. Department of Agricultural Education, ISU and Iowa Department of Public Instruction, Grimes State Office Building, Des Moines, IA 50319; 1973. 29 p.

A-435 VOCATIONAL AGRICULTURE IN THE DIFFERENT LEVELS OF CAREER EDUCATION. Louisiana State University, College of Agriculture, School of Vocational Education, Baton Rouge, LA 70803; 1972. 340 p.

A-436 CURRICULUM GUIDE FOR AGRIBUSINESS OCCUPATIONS IN MINNESOTA AREA. Vocational Technical School, Staples, MN 56479; 1971. 377 p. $5.00.

A-437 GUIDELINES FOR ESTABLISHING OFF FARM AGRICULTURAL EXPERIENCE PROGRAMS IN VOCATIONAL AGRICULTURE IN SOUTH DAKOTA. Agricultural Education Department, South Dakota State University, Brookings, SD 57006; 1973. 50 p.

A-438 SECURING AND SUCCEEDING ON A JOB. By Glenn McCarty. Agricultural Education, Department of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; n.d. 39 p.

A-439 CAREER AWARENESS IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES K-6. By Dorthy Lawson, et al. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; 1974. 207 p. $4.50.

A-440 CAREER EXPLORATION IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES 7-9. By Dorthy Lawson et al. Ohio Career Education and Curriculum Management Laboratory in Agriculture Education, The Ohio State University, Columbus, OH 43210; 1974. 218 p. $4.50.

01.9903 AGRICULTURE, OTHER (OCCUPATIONAL)/ 270 INSTRUCTION

A-441 APPLYING FOR A JOB, STUDENT'S GUIDE. Vocational Agriculture Service, University of Illinois, 434 Mumford Hall, Urbana, IL 61801; 1969. 12 p. $.15.

A-442 RESOURCE UNIT AGRICULTURE - IMPROVED READING THROUGH AGRIBUSINESS CAREERS. Vocational Agriculture Pilot Program Workshop, University of Wisconsin, Platteville; Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; 1972. 19 p.

A-443 PROGRAM PLANNING SHEET FOR AGRICULTURAL EDUCATION DEPARTMENT. By B.N. Stanger. Vocational Agriculture School, Christiansburg High School, Christiansburg, VA 24073; n.d. 6 p.

A-444 THE EFFECTIVE USE OF SUPERVISED OCCUPATIONAL EXPERIENCE IN AGRICULTURE--PLANS AND RECORDS: TEACHER'S GUIDE. Norman Hoover, ed. French-Bray Printing Co., Candler Building, Baltimore, MD 21202; 1969. 11 p. $.60.

A-470 LOCATING AND SECURING A JOB - STUDENT'S MANUAL. Vocational Education Media Center, Clemson University, Clemson, SC 29631; 1970. 29 p. $.50.

A-471 STUDENT HANDBOOK FOR COOPERATIVE PROGRAMS IN AGRICULTURE OCCUPATIONS. Pennington, ed. Vocational Resource Center, Department of Vocational and Technical Education, Indiana State University, Terre Haute, IN 47809; 1968. 32 p.

01.9903 AGRICULTURE, OTHER (OCCUPATIONAL)/ 350 OCCUPATIONS

A-446 TRADE JOURNALS AND MAGAZINES FOR AGRICULTURALLY RELATED OCCUPATIONS. By Martin B. McMillion. Agricultural Education, College of Education; Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1973. 30 p.

A-447 PILOT PROGRAMS IN OFF-FARM AGRICULTURAL OCCUPATIONS. Bulletin 612. By Gary Leske. Agricultural Experiment Station, South Dakota, State University, Brookings, SD 57006; 1973. 19 p.

01.9903 AGRICULTURE, OTHER (OCCUPATIONAL)/ 450 RESEARCH

A-448 EMPLOYMENT AND EDUCATIONAL EXPERIENCES OF LOUISIANA COOPERATIVE VOCATIONAL EDUCATION PARTICIPANTS. By Layle D. Lawrence. Vocational Agriculture Education, School of Vocational Education, College of Agriculture, Louisiana State University, Baton Rouge, LA 70803; 1973. 125 p.

A-450 A MODEL FOR TASK ANALYSIS IN AGRIBUSINESS. By Arthur L. Berkey, William E. Drake and James W. Legacy. New York State College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14850; 1972. 159 p.

A-451 VALIDATION OF AN INSTRUMENT TO MEASURE OCCUPATIONAL IMAGE IN AGRICULTURAL BUSINESS AND INDUSTRY. By Arthur L. Berkey. New York State College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14805; 1973. 158 p.

01.9904 AGRICULTURE, OTHER (PROFESSIONAL)/ 110 CURRICULUM

A-452* TEACHING THE DISADVANTAGED--A CURRICULUM GUIDE FOR CLASSES OF DISADVANTAGED STUDENTS IN AGRICULTURAL EDUCATION PROGRAMS. By John R. Crunkilton. Agricultural Education Department, College of Education, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1975. 32 p.

A-453 HANDBOOK FOR PLANNING AND ESTABLISHING PROGRAMS OF COOPERATIVE EDUCATION IN VOCATIONAL EDUCATION. By Keith E. Fiscus. Department of Education, Vocational and Technical Education, Washington State University, Pullman WA 99163; 1974. 70 p.

01.9904 AGRICULTURE, OTHER (PROFESSIONAL)/ 270 INSTRUCTION

A-455 ADVISORY COMMITTEES FOR VOCATIONAL EDUCATION. By F.J. Doering. Bureau for Career and Manpower Development, Wisconsin Department of Public Instruction, Madison, WI 53702; n.d. 32 p.

A-457 UNITY AND COORDINATION IN CONTEMPORARY VOCATIONAL EDUCATION PROGRAMS - PROCEEDINGS OF THE SEMINAR FOR LEADERS IN VOCATIONAL EDUCATION. John R. Crunkilton, ed. Donaldson Brown Continuing Education Center, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; 1972. 101 p.

01.9904 AGRICULTURE, OTHER (PROFESSIONAL)/ 330 LIBRARY SCIENCE

A-458 HOW TO USE ERIC. U.S. Department of Health, Education and Welfare; U.S. Government Printing Office, Public Documents Department, Washington, D.C. 20402; 1972. 15 p.

A-459 AN ORIENTATION TO THE NATIONAL SYSTEM FOR CONDUCTING AND DISSEMINATING VOCATIONAL EDUCATION RESEARCH. By Brandon B. Smith. Minnesota Research Coordinating Unit for Vocational Education, 145 Peik Hall, University of Minnesota, Minneapolis, MN 55455; n.d. 13 p. Research related materials.

DISADVANTAGED RELATED MATERIALS INDEX

The Index to Disadvantaged Materials represents an attempt to bring together all the materials found in the Resource Materials Center's free loan collection which are related to educating disadvantaged persons. The definition of "Disadvantaged" used to identify materials in this list is necessarily a broad one. The term includes persons and groups who cannot compete or perform at levels normally required by educational agencies, employers, and society in general for a wide variety of reasons, social, cultural, economic, linguistic, and emotional. The term is not meant to include those with mental or physical handicaps.

Materials included in the listing cover a broad range of types--research studies, curriculum guides, games and simulations, basic education, low reading level, directories, resource and bilingual materials.

The materials are grouped under the heading of the subject area which they fall. The numbers on the left-hand side of the paired columns are the call numbers of individual items; the right-hand number refers to the page number of the bibliography on which the item is listed. For example, item D-476 appears on page 5 of the Distributive Education Bibliography. On referring to the Distributive Education bibliography, the user will find D-476 SUGGESTIONS FOR DISTRIBUTIVE EDUCATION PERSONNEL TO ASSIST BUSINESS IN DISADVANTAGED AREAS. Vocational-Technical Curriculum Laboratory, Rutgers--the State University, New Brunswick, NJ 08903; 1971. 28 1.

For effective use of this listing, it will be necessary for the user to have access to the complete set of bibliographies for 1976-"A"-Agriculture, "B"-Business, "C"-Career, "D"-Distributive, "H"-Home Economics, "M"-Health, and "I"-Trade and Industrial; and to the 1975 Edition of the "S"-Special Education Bibliography and the 1976 Supplement to the 1975 Special Education Bibliography. Complete sets of the bibliographies will be distributed to Wisconsin high schools and VTAE campuses. It will not be possible to use the Disadvantaged Related Materials Index with previous editions of the Resource Materials Center's bibliographies. The page numbers are keyed to the 1976 edition only. The exception is the 1975 edition of the Special Education Bibliography.

"A" NO.	PAGE
A-452*	29
A-666*	4
A-827	23

"B" NO.	PAGE
B-30	1
B-32	3
B-48	1
B-50	17
B-54	5
B-223	2
B-289	2
B-291	2
B-292	6
B-293	6
B-294	6
B-295	17
B-494	8
B-495	8
B-496	8
B-497	8
B-501	10
B-503	15

"C" NO.	PAGE
C-5	6
C-12	6
C-55	36
C-61	4
C-62	9
C-107	3
C-110	4
C-133	36
C-199	3
C-260	
C-375	24
C-470	33
C-545	33
C-596	24
C-625	27
C-657	31
C-658	31
C-739	30
C-749	30
C-759	30
C-803	21
C-806	26
C-827	27
C-909*	15
C-914*	27
C-958	34
C-973	6
C-995	36

"C" NO.	PAGE
C-996	36
C-997	36
C-998	36
C-999	37
C-1000	36
C-1001	36
C-1002	36
C-1003	15
C-1009	12
C-1010	12
C-1011	28
C-1012	30
C-1013	28
C-1032	1
C-1035	3
C-1036	21
C-1039	22
C-1052	21
C-1085	3
C-1086	19
C-1096	3
C-1097	3
C-1104	14
C-1105	16
C-1109	4
C-1118	7
C-1133	28
C-1134	25
C-1135	5
C-1137	35
C-1139	22
C-1140	35
C-1141	8
C-1154	10
C-1155	10
C-1156	10
C-1157	10
C-1158	10
C-1159	10
C-1160	10
C-1163	10
C-1164	10
C-1165	10
C-1166	10
C-1170	12
C-1171	10
C-1172	10
C-1173	10
C-1174	10
C-1175	10
C-1176	10
C-1177	10
C-1178	10

"C" NO.	PAGE
C-1179	8
C-1206	32
C-1207	35
C-1208	28
C-1209	1
C-1226	36
C-1227	15

"D" NO.	PAGE
D-22	5
D-26	5
D-249	7
D-267	7
D-272	7
D-276	7
D-277	8
D-287	11
D-309	7
D-384	5
D-385	5
D-387	2
D-389	4
D-402	2
D-403	2
D-404	3
D-405	5
D-406	5
D-410	3
D-413	6
D-414	6
D-415	6
D-416	6
D-427	8
D-429	8
D-430	8
D-432	9
D-433	9
D-434	9
D-435	9
D-445	10
D-446	10
D-447	10
D-448	10
D-449	11
D-450	11
D-451	11
D-452	11
D-453	11
D-454	11
D-455	11
D-472	10
D-473	10
D-474	10

"D" NO.	PAGE
D-476	5
D-477	5
D-478	5
D-479	5

"H" NO.	PAGE
H-44	5
H-56	5
H-131	11
H-134	9
H-141	13
H-143	13
H-149	8
H-162	11
H-165	12
H-166	11
H-168	12
H-170	8
H-171	8
H-177	6
H-227	14
H-228	7
H-278	3
H-308	20
H-309	20
H-311	20
H-312	20
H-313	20
H-371	9
H-393	14
H-484	4
H-513	14
H-534	15
H-543	14
H-585	10
H-586	10
H-587	13
H-588	10
H-589	21
H-590	10
H-593	10
H-594	10
H-595	26
H-596	26
H-597	5
H-606	19
H-610	3
H-613	19
H-614	19
H-616	19
H-617	19
H-618	19
H-639	13

"H" NO.	PAGE
H-663	12
H-714	4
H-715	19
H-716	16
H-717	11
H-718	11
H-735**	2
H-744	1
H-762	3
H-763	26
H-765	24
H-767	25
H-768	25
H-769	28
H-770	28
H-772	28
H-776	21
H-783	28
H-791	17
H-795	16
H-805	22
H-806	22
H-807	22
H-808	22
H-809	23
H-810	23
H-815	4
H-820	5
H-864	28
H-865	2
H-902	11
H-911	12
H-920	12
H-924	11
H-925	1

"I" NO.	PAGE
I-5	2
I-6	4
I-8	3
I-117	3
I-134	1
I-140	2
I-150	7
I-151	7
I-193	9
I-220	19
I-221	19
I-222	19
I-304	2
I-345	32
I-361	28
I-382	7

"I" NO.	PAGE
I-383	7
I-384	7
I-385	7
I-386	7
I-387	7
I-388	10
I-389	10
I-390	10
I-391	10
I-392	9
I-393	9
I-395	9
I-396	12
I-397	12
I-398	12
I-399	20
I-400	20
I-401	20
I-402	20
I-403	20
I-404	20
I-405	24
I-406	24
I-407	24
I-408	24
I-409	24
I-410	24
I-411	24
I-412	9
I-413	9
I-414	9
I-415	9
I-416	24
I-417	24
I-418	24
I-419	24
I-420	24
I-421	24
I-422	24
I-423	24
I-424	12
I-425	12
I-426	12
I-427	30
I-428	30
I-429	30
I-430	30
I-458	3
I-465	14
I-466	14
I-491	34
I-524	14
I-543	5

OE 00 457

"I" NO.	PAGE
I-693	19
I-701	14
I-702	14
I-703	14
I-704	15
I-705	15
I-706	15
I-707	14
I-714	17
I-716	18
I-718	18
I-728	26
I-734	13
I-735	13
I-736	13
I-737	13
I-743	13
I-749	16
I-750	16
I-751	15
I-758	30
I-759	29
I-760	29
I-764	15
I-766	33
I-767	33
I-775	8
I-776	8
I-778	22
I-779	22
I-780	22
I-781	22
I-782	22
I-788	21
I-797	25
I-798	25
I-799	25
I-800	25
I-804	11
I-805	12
I-808	11
I-817	11
I-818	12
I-819	12
I-886	7
I-910	9
I-911	28
I-920	34
I-922	32
I-923	33
I-924	33
I-925	33
I-926	32
I-927	32
I-928	32
I-929	32
I-930	32
I-931	32
I-932	32
I-933	32
I-934	23
I-935	23
I-936	23
I-937	23
I-938	33
I-947	35
I-948	35
I-949	35
I-950	35
I-951	35
I-952	35

"M" NO.	PAGE
M-9	4
M-11	4
M-12	4
M-23	5
M-34	5
M-85	3
M-91	1
M-100	2
M-130	5
M-141	7
M-241	10
M-248	10
M-256	10
M-264	3
M-275	3
M-280	2
M-287	11
M-289	11
M-290	11
M-291	11
M-292	11
M-299	11
M-300	11
M-369*	6
M-388	4
M-394	4
M-404	3
M-405	3
M-406	3
M-407	3
M-416	10
M-424	8
M-430	5
M-431	5
M-435	12
M-436	12
M-437	12
M-438	12

"S" NO.	PAGE
S-28	4
S-29	4
S-30	4
S-31	4
S-32	4
S-33	4
S-34	4
S-35	4
S-36	4
S-37	4
S-38	4
S-39	4
S-40	4
S-41	4
S-42	4
S-43	4
S-57	7
S-60	7
S-61	7
S-62	7
S-63	7
S-64	7
S-65	8
S-66	8
S-67	8
S-71	9
S-81	10
S-95	12
S-96	12
S-97	12
S-103	13
S-104	13
S-113	13
S-131	16
S-139	16
S-140	16
S-141	16
S-161	18
S-164	18
S-176	20
S-213	25
S-229	28
S-449	49
S-634	64
S-660	67
S-661	67
S-662	67
S-663	68
S-664	68
S-665	68
S-666	68
S-676	7
S-679	8
S-680	8
S-681	8
S-682	8
S-683	9
S-686	10
S-687	10
S-702	5
S-703	5
S-706	7
S-708	8
S-709	8
S-711	8
S-712	8
S-716	9
S-717	9
S-726	12
S-736	15
S-740	15
S-742	15
S-749	19
S-750	19
S-752	20
S-773	21
S-784	25
S-789	26
S-831	5
S-832	5
S-833	5
S-834	5
S-835	5
S-836	5
S-837	5
S-838	5
S-839	5
S-840	5
S-841	6
S-843	6
S-845	8
S-846	8
S-847	8
S-848	9
S-849	9
S-850	9
S-879	59
S-880	59
S-977	2
S-985	8
S-986	8
S-987	8
S-988	8
S-989	8
S-1081	64
S-1123	17
S-1126	23
S-1127	24
S-1140	67
S-1141	67
S-1142	68
S-1143	67
S-1144	68
S-1145	68
S-1146	68
S-1147	68
S-1159	48
S-1244	68
S-1249	20
S-1251	20
S-1253	14
S-1259	68
S-1275	67
S-1276	68
S-1309	68
S-1317	11
S-1326	8
S-1334	8
S-1337	67
S-1347	8
S-1348	8
S-1360	20
S-1366	10
S-1408	2
S-1430	7
S-1436	9
S-1442	15
S-1446	6
S-1447	6
S-1448	6
S-1449	6
S-1456	12
S-1466	68
S-1473	9
S-1474	9
S-1477	9
S-1478	6
S-1479	8
S-1480	9
S-1481	9
S-1482	9
S-1483	6
S-1495	67
S-1502	68
S-1503	6
S-1527	99
S-1557	99
S-1643	98
S-1645	98
S-1711	98
S-1764	99
S-1767	99
S-1771	99
S-1772	99
S-1774	89
S-1786	98
S-1787	99
S-1788	99
S-1789	99
S-1820	83
S-1853	83
S-1895	99
S-1896	100
S-1897	99
S-1898	99
S-1900	99
S-1901	99
S-1906	99
S-1916	99
S-1917	99
S-1918	100
S-1919	100
S-1920	99
S-1921	99
S-1922	99
S-1963	100
S-2061	98
S-2067	99
S-2086	99
S-2094	99
S-2095	84
S-2116	96
S-2118	98
S-2119	98
S-2120	98
S-2121	98

UNIVERSITY OF WISCONSIN-MADISON
SCHOOL OF EDUCATION

WISCONSIN VOCATIONAL STUDIES CENTER
Box 49, 321 Education Building
University of Wisconsin
Madison, Wisconsin 53706

TIPS FROM THE VOCATIONAL EDUCATION RESOURCE MATERIALS COLLECTION:

1. *If you do not get materials you want, try again. If you get tired of trying, please tell us before you give up.*
2. *You do not have to wait for a new order card. Use a plain postcard or mail your request in an envelope. Please include all necessary information, using the sample request card as a guide.*
3. *You will pay too much postage if you do not use our return label or mark your package: "LIBRARY RATE".*

IF YOU HAVE ANY COMPLAINTS - TELL US;

ANY COMPLIMENTS - TELL OTHERS.

PLEASE PRINT OR TYPE

YOUR NAME_____ DATE_____
LAST NAME FIRST NAME

SCHOOL OR AGENCY_____

ADDRESS_____

CITY & STATE_____ ZIP_____

PHONE_____ DATES WANTED:
thru

ITEM ORDER NUMBERS

PLEASE PRINT OR TYPE

YOUR NAME_____ DATE_____
LAST NAME FIRST NAME

SCHOOL OR AGENCY_____

ADDRESS_____

CITY & STATE_____ ZIP_____

PHONE_____ DATES WANTED:
thru

ITEM ORDER NUMBERS

WISCONSIN VOCATIONAL STUDIES CENTER
Box 49, 321 Education Building
University of Wisconsin
Madison, Wisconsin 53706

Place stamp
here

WISCONSIN VOCATIONAL STUDIES CENTER

The Wisconsin Vocational Studies Center at the University of Wisconsin-Madison was reorganized with the support of the Wisconsin Board of Vocational, Technical and Adult Education within the School of Education in 1971. The function of the Center is to serve the State of Wisconsin in a unique way by bringing the resources of the University to bear on identified problems in the delivery of vocational and manpower programs—vocational education, technical education, adult education, career education, manpower training—to citizens of all ages in all communities of the State. The Center focuses upon the delivery of services including analyses of need, target groups served, institutional organization, instructional and curriculum methodology and content, labor market needs, manpower policy, and other appropriate factors. To the extent that these goals are enhanced and the foci of problems widened to encompass regional and national concerns, the Center engages in studies beyond the boundaries of the State.

Merle Strong, Director
Roger Lambert, Associate Director

WISCONSIN VOCATIONAL STUDIES CENTER
Box 49, 321 Education Building
University of Wisconsin
Madison, Wisconsin 53706

Place stamp
here

For further information on this or other Center activities, contact:

Wisconsin Vocational Studies Center
321 Education Building
University of Wisconsin-Madison
Madison, Wisconsin 53706

608-263-3696